



Morganite Industries Inc.

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January 19, 2011

Kim Muratore
Case Developer (SFE-7-5)
U.S. EPA, Region 9
75 Hawthorne St.
San Francisco, CA 94105

Re: Response to December 8, 2010 Information Request Letter

I am writing in response to Kathi Moore's December 8, 2010, Information Request Letter for the San Fernando Valley/North Hollywood Superfund Site, North Hollywood California, addressed to Andrew Hosty. I am the President of Morganite Industries Inc. ("Morganite"). The corporate history of Morganite and its subsidiaries that were involved with the North Hollywood property located at 6928, 6938 and/or 6940 Farndale Avenue (the "North Hollywood Facility"), is set forth in response to question 7 below and are referred to together as "Morganite" in this letter. A list of the documents enclosed with this letter is attached as Exhibit 1. A list of the individuals and/or entities consulted to obtain documents and information for this response is attached as Exhibit 2.

The following are the responses of Morganite to each of the questions in Ms. Moore's letter:

1. With the exception of those documents listed in Attachment 1 which have already been obtained by or provided to EPA), provide copies of all investigation and sampling reports containing environmental data or technical or analytical information regarding soil and water conditions at the North Hollywood Facility, including, but not limited to, data or information related to soil contamination, soil sampling, soil gas sampling, geology, water (ground and surface), hydrogeology, and groundwater sampling.
 - a. State to the best of the Company's knowledge whether Attachment 1 represents a complete listing of all soil, soil gas and groundwater sampling conducted at the Facility. If it does not, and the Company does not have a copy of the additional investigation or sampling report(s), please describe the date and type of sampling conducted, and provide information on where EPA might obtain a copy of the report and related documents.
 - b. State whether the Company is aware of any future soil, soil gas or groundwater sampling which is planned at the Facility, and if so, please explain.

Response:

The only other sampling of which Morganite is aware took place in January 2002. A copy of the report on that sampling, prepared by Sciences International, Inc., is listed on Exhibit 1 and enclosed with this letter. Morganite has had no involvement with the North Hollywood Facility since April 2003, and has no knowledge concerning any future soil, soil gas or groundwater sampling which is planned at the North Hollywood Facility.

2. Identify, and provide the following information for, all groundwater wells that are located at the Facility:

- a. A map with the specific locations of the Facility groundwater wells;
- b. Date each groundwater well was installed and its current condition (active or inactive);
- c. Date the Facility groundwater wells were last sampled; and
- d. List of all constituents which were analyzed during groundwater sampling events (to the extent not provided in response to Request No. 1).

Response:

All such data in Morganite's possession or of which it is aware can be found in the reports listed in Attachment A to Ms. Moore's letter and the reports listed in Exhibit 1 to this letter.

3. Identify, and provide copies of, all agency orders, correspondence and/or workplans that discuss proposed soil or groundwater sampling at the North Hollywood Facility but for which the sampling was never conducted. Explain why the proposed sampling was not conducted.

Response:

Copies of all documents responsive to question 3 that are in the possession of Morganite are listed on Exhibit 1 and are enclosed with this letter.

Based on due diligence conducted at the time of the acquisition of assets from GLCC, our understanding is that GLCC's subsidiary, E/M Corporation, conducted sampling at the North Hollywood Facility in 1988 and 1989, the results of which are included in the documents listed in Attachment A to Ms. Moore's letter. Subsequently, GLCC's subsidiary, E/M Corporation, refused to conduct further sampling for the reasons described in the letters from Mr. Scott, Mr. Keough and Mr. Bazel, which are enclosed with this letter and listed on Exhibit 1.

Morganite never used trichloroethylene or tetrachloroethylene during operations at the North Hollywood Facility. As described in the response to question 7, any liability for contamination for those chemicals was retained by GLCC. Our understanding from GLCC is that there were certain tolling agreements between GLCC's subsidiary, E/M Corporation and EPA, which expired, and that the statute of limitations subsequently expired.

4. Provide copies of any due diligence reports or property transfer assessments which relate to the Facility.

Response:

See Exhibit 1, Items 4 through 8.

5. Identify the dates the Company, its subsidiaries and/or corporate affiliates owned the Facility. Provide a copy of the title documentation evidencing the Company's and/or other entity's ownership of the Facility.

Response:

When MCP Acquisition Inc. acquired assets of E/M Corporation, as described in the response to question 7, the North Hollywood Facility was partially owned and partially leased. On January 29, 2002, through a sale and leaseback transaction with Joel Saitman, Morganite sold the owned portion of the Facility. At the time of the sale of assets to MICI, as described in the response to question 7, all portions of the Facility were leased and MICI assumed those leases.

6. Information provided to EPA indicates that in 2003, the Company, its parent Morgan Crucibles plc¹ and Morgan Chemical Products, Inc., as sellers, sold the E/M Coating business at the Facility to Metal Improvement Company LLC, and that all environmental liabilities related to the operations of the E/M Coating business remained with the sellers. Provide a copy of the 2003 purchase agreement between the Company and Metal Improvement Company LLC, including all provisions and attachments relating to environmental liabilities.

Response:

See Response to Item 7.

7. Documentation provided to EPA indicates that Morgan Chemical Products, Inc. was the survivor in a 1998 merger with former operator E/M Corporation, and that after the 1998 merger; Morgan Chemical Products, Inc. continued operations at the Facility until approximately 2002. Documents also indicate that Morgan Advanced Ceramics, Inc. itself conducted operations at the Facility for the brief time period of 2002-2003.

a. Provide copies of the following correspondence:

- (i) A 5/13/1993 letter from E/M Corporation's counsel, Beveridge & Diamond, which responded to the Regional Water Quality Control Board's request that a soil gas investigation be conducted at the Facility; and

¹ Morganite is a Delaware corporation and a subsidiary of The Morgan Crucible Company plc, a UK public limited company.

- (ii) A 12/8/1995 letter from the Regional Water Quality Control Board "concerning outstanding environmental issues" at the Facility, and a 2/14/1996 response letter from E/M Corporation.
- b. Describe the nature of the corporate relationship or other affiliation between the Company and Morgan Chemical Products, Inc. Provide copies of documents evidencing this relationship or affiliation, including copies of asset purchase agreements, merger agreements, etc.
- c. if the Company is aware of E/M Corporation's environmental liabilities previously being transferred to and assumed by another entity as part of the 1998 merger, please provide an explanation of the transaction by which this was effected and identify the entity that assumed the liabilities, including current contact information for that entity. Please also provide a copy of all documentation evidencing the transfer and assumption of E/M Corporation's environmental liabilities by such other entity.

Response:

Copies of the February 14, 1996 and December 8, 1995 letters are enclosed with this letter. Morganite was unable to locate a copy of the referenced letter dated May 13, 1993. See Exhibit 1.

On November 12, 1996, MCP Acquisition Corporation, a subsidiary of Morganite acquired assets of E/M Corporation, a subsidiary of Great Lakes Chemical Corporation ("GLCC").² After the acquisition, on November 21, 1996, MCP Acquisition Inc. changed its name to E/M Corporation and continued to operate as a subsidiary of Morganite. A copy of the 1996 Asset Purchase Agreement is being provided with this letter and is listed on Exhibit 1. The agreement speaks for itself, but in summary, Section 3.1 provides that GLCC retained all liability for contamination at the North Hollywood site.

On July 7, 1998, through a corporate reorganization, E/M Corporation was merged with other subsidiaries of Morganite and the combined entity was named Morgan Chemical Products, Inc. ("MCP"). MCP continued to operate as a subsidiary of Morganite.

It is important to note that there were two separate, completely unaffiliated entities called E/M Corporation. GLCC's subsidiary, E/M Corporation, was the party to the November 1996 Asset Purchase Agreement. After the closing of the sale of assets, GLCC's subsidiary, E/M Corporation, continued to exist with a new name and MCP Acquisition Inc. changed its name to E/M Corporation. Thus, when the Asset Purchase Agreement stated that "E/M" retained the North Hollywood liabilities, it was referring to GLCC's subsidiary.

On April 2, 2003, MCP sold assets of its E/M division of MCP to Metal Improvement Company, Inc. ("MICI"). A copy of the Asset Purchase Agreement is being provided with this letter and is listed on Exhibit 1. The agreement speaks for itself, but in summary provided that MCP would

² Based on our review of public information, it is our understanding that GLCC merged with other entities in 2005 to form Chemtura Corporation.

indemnify MICI for any liability arising out of the ownership or operation by MCP of the E/M assets. It is our understanding that MICI is continuing to operate at the North Hollywood Facility.

Morgan Advanced Ceramics, Inc. never operated at the North Hollywood Facility. On June 30, 2003, three months after the sale of assets to MICI, MCP was merged with and into Morgan Advanced Ceramics, Inc., with Morgan Advanced Ceramics, Inc. as the surviving entity and a subsidiary of Morganite.

Sincerely,

A handwritten signature in cursive script, appearing to read "Fred W. Wollman".

Fred W. Wollman
President, Morganite Industries Inc.

cc: Chemtura Corporation
Metal Improvement Company, Inc.

Documents attached or identified

1. Asset Purchase Agreement by and between E/M Corporation, a wholly-owned subsidiary of Great Lakes Chemical Corporation, and MCP Acquisition Corporation, dated November 12, 1996.
2. Asset Purchase Agreement by and among Morgan Chemical Products, Inc. and Metal Improvement Company, Inc., dated March 19, 2003.
3. Standard Offer, Agreement and Escrow Instructions for the Purchase of Real Estate, between Joel Saitman and Morganite Industries Inc., dated January 29, 2002.
4. Phase I Environmental Site Assessment of the E/M Corporation Facility at North Hollywood, California, prepared by Sciences International, Inc., dated November 5, 1996.
5. Addendum to Phase I Environmental Site Assessment E/M Division of Morgan Chemical Products, Inc. North Hollywood, California, prepared by Sciences International, dated August 24, 1998.
6. Results of Phase II Investigation of the E/M Facility at 6940 Farmdale Avenue North Hollywood, California, prepared by Sciences International, Inc., dated January 30, 2002.
7. Addendum to Phase I Environmental Site Assessment, E/M Division of Morgan Chemical Products, Inc. North Hollywood, California, report prepared by TetraTech, Inc. dated February 13, 2002.
8. Memorandum from Christian Benitez, Tetra Tech, Inc., to Jay Turim, Sciences International, dated December 4, 2002, re: E/M Division of Morgan Chemical Products, Inc. (North Hollywood, California) Shadow Audit Memorandum.
9. Letter dated April 5, 1993, from Lawrence Bazel, Beveridge & Diamond, to David Jones, U.S. Environmental Protection Agency, Region 9.
10. Letter dated March 25, 1988, from U.S. Environmental Protection Agency to Owner/Operator, E/M Lubricants.
11. Letter dated December 8, 1995, from Michael Scott, Great Lakes Chemical Corporation, to California Regional Water Quality Board, Los Angeles Region.
12. Letter dated February 14, 1996, from Gregory Keough, E/M Corporation, to Hubert Kang, California Regional Water Quality Board, Los Angeles Region.
13. Notice letters sent to Great Lakes Chemicals Corporation and Metal Improvement Company, Inc.

Individuals and entities consulted/notified in connection with the information provided by Morganite in this letter:

1. Kilpatrick Stockton LLP (Rich Cicchillo) (represented Morganite in connection with the sale of assets to Metal Improvement Company, Inc.)
2. Pillsbury Winthrop Shaw Pittman LLP (Aileen Meyer) (represented Morganite in connection with the acquisition of assets of E/M Corporation from Great Lakes Chemical Corporation).
3. Smith Gambrell & Russell, LLP (Andrew Thompson) (represented Morganite in connection with certain environmental matters)
4. Tetra Tech, Inc. (and its acquired entity, Sciences International, Inc.) (conducted Phase I and Phase II investigations).
5. Notice letters sent to Great Lakes Chemicals Corporation and Metal Improvement Company, Inc.

ASSET PURCHASE AGREEMENT

This agreement ("Agreement") is made as of this twelfth day of November, 1996, by and between E/M Corporation, a Delaware corporation which has its principal place of business in West Lafayette, Indiana ("E/M"), and which is a wholly-owned subsidiary of Great Lakes Chemical Corporation, ("Great Lakes"), and MCP Acquisition Corporation, a Delaware corporation which has its principal place of business in Raleigh, North Carolina ("Purchaser").

WITNESSETH:

WHEREAS, Purchaser wishes to purchase from E/M, and E/M wishes to sell to Purchaser, substantially all of the assets of E/M used in the specialty grease and oil manufacturing business and the dry film lubricant and specialty coatings manufacturing and applications business (the "Business"), which sale and purchase shall be referred to as the "Acquisition"; and

WHEREAS, on the same date hereof E/M has entered into an Intellectual Property Agreement (the "IP Agreement") with The Morgan Crucible Company plc ("Morgan"), a company incorporated in England and Wales with its principal place of business in Windsor, Berkshire, UK, and which is the ultimate parent of Purchaser hereunder, pursuant to which E/M has agreed to sell and Morgan has agreed to buy E/M's intellectual property used in and associated with the Business;

NOW THEREFORE, in consideration of the following representations, warranties, covenants and agreements, the parties agree as follows:

ARTICLE I

CLOSING

The closing of the transactions contemplated hereby (the "Close" or the "Closing") shall take place on the same date (the "Closing Date") this Agreement is signed, contingent upon all of the conditions precedent described in Article IX and Article X hereof having been satisfied or waived. The Closing shall take place at 10:00 a.m. on the Closing Date at the headquarters of Great Lakes Chemical Corporation, One Great Lakes Boulevard, West Lafayette, Indiana.

ARTICLE II

PURCHASE, SALE AND RELATED MATTERS

SECTION 2.1 Assets. At Closing, E/M will sell, transfer, convey, assign and deliver to Purchaser, and Purchaser will purchase and acquire from E/M, the assets of the Business (the "Assets") other than intellectual and intangible property (which shall be sold under the IP Agreement), including but not limited to the following assets:

- (a) the real property set forth in Schedule 2.1(a) together with all buildings, improvements, easements, restrictions and fixtures relating thereto (collectively, the "Real Property");
- (b) all machinery, equipment, vehicles, furniture, office equipment, spare parts and all other items of tangible personal property owned or used (but excluding leased personal property) by E/M in the Business, including without limitation those items set forth in Schedule 2.1(b) (collectively, the "Personal Property");
- (c) to the extent transferable or assignable, the contracts, purchase orders, leases, non-compete agreements, confidentiality agreements and other agreements associated with the Business, including without limitation those set forth in Schedule 2.1(c) (collectively, the "Contracts"); Schedule 2.1(c) also identifies all leases of real property used and/or occupied by E/M in connection with the Business (the "Leased Properties"; the Real Property and Leased Properties collectively, the "Properties") other than the E/M headquarters building and the E/M R&D facility;
- (d) subject to Section 2.2(a) below and to the extent owned by E/M, all work-in-process, inventory, materials, finished products, supplies and shipping containers, including without limitation those set forth in Schedule 2.1(d) (collectively, the "Inventory and Supplies");
- (e) to the extent transferable, all Federal, state, local and foreign licenses, permits, authorizations and approvals, and applications for any of the foregoing, used by E/M in the Business, including without limitation those set forth in Schedule 2.1(e) (collectively, the "Licenses and Permits");
- (f) all information, documents and records (such as customer files, pricing data and supplier data) used by E/M in connection with the Business, (collectively, the "Business Data");
- (g) the accounts receivable of the Business as of the Closing Date;
- (h) any and all lock-boxes of E/M to the extent transferable to Purchaser;
- (i) all tax and accounting records and files (although upon request, access to and/or copies of such materials shall be furnished at any time after the Closing Date to E/M);
- (j) all personnel files and records related to any employee of E/M who gives permission to E/M to transfer said records to Purchaser;
- (k) the following pre-paid expenses, to the extent pre-paid at Closing: pre-paid operating taxes, pre-paid rent where applicable, pre-paid service contracts, and pre-paid miscellaneous expenses;
- (l) petty cash at all Facilities; and

(m) all other assets included in the Pre-Closing Net Assets Worksheet attached as Exhibit 2.4, as said assets are to be adjusted to the Closing Date in the Closing Net Assets Worksheet.

SECTION 2.2 Retained Assets. E/M shall retain all right, title and interest in and to the following assets (collectively, the "Retained Assets");

(a) the (i) inventory (raw material, in process and finished goods) of all halon products, (ii) halon recycling equipment, (iii) receivables associated with halons, and (iv) trademarks, service marks, trade names, service names, patents and patent applications, trade secrets, specifications, invention disclosures, designs, blueprints, drawings, data, procurement specifications, manufacturing processes and service manuals principally used or held for use in connection with any halon products (collectively, the "Halon Assets");

(b) all tax refunds, insurance proceeds and credits attributable to the Business prior to the Closing Date or resulting from the consummation of the transactions contemplated herein;

(c) all personnel files and records related to any employee of E/M who does not give permission to provide said records to Purchaser;

(d) all right, title, or interest in any employee benefit plan of E/M or Great Lakes;

(e) minute books and similar assets used primarily in connection with E/M's corporate functions, whether or not used for the benefit of the Business;

(f) all records relating to pending lawsuits to which E/M is a party (provided that copies of material that is not privileged and that relate to the Business shall upon request be furnished to Purchaser);

(g) all owned and/or leased real property that is not associated with the Business, together with all of the structures, fixtures and improvements located thereon as set forth on Schedule 2.2 (g);

(h) the consideration delivered to E/M pursuant to this Agreement; and

(i) every other asset that is not an Asset.

SECTION 2.3 Purchase Price. Purchaser will pay to E/M at Closing as the purchase price for the Assets the sum of \$19,250,000.00 by wire transfer to the First National Bank of Chicago, for credit to E/M, c/o Great Lakes Chemical Corporation, account number 5147743 , ABA number 071000013. The term "Purchase Price" as used in this Agreement shall mean said \$19,250,000.00, plus or minus the Post-Closing Adjustment, if any, paid under Section 2.4. below.

SECTION 2.4 Post-Closing Adjustment. A net assets worksheet as of June 30, 1996 ("Pre-Closing Net Assets Worksheet") is attached as Exhibit 2.4. Within ninety (90) days after the Closing Date, Purchaser will, at Purchaser's expense, (i) prepare and supply to E/M a similar net assets worksheet of E/M as of the Closing Date (the "Closing Net Assets Worksheet"), and (ii) instruct Deloitte & Touche to review and approve the same and supply a copy of the review and approval report to E/M. The Closing Net Assets Worksheet shall be prepared in accordance with Exhibit 2.4 and Section 8.3 below. If the amount of net assets shown on the Pre-Closing Net Assets Worksheet exceeds the amount of net assets shown on the Closing Net Assets Worksheet by at least \$50,000, E/M shall pay the full amount of the difference between the Pre-Closing Net Assets Worksheet amount and the Closing Net Assets Worksheet amount to Purchaser within fifteen (15) days of the date of calculation, unless E/M disputes said calculation. If the amount of net assets shown on the Closing Net Assets Worksheet exceeds the amount of net assets shown on the Pre-Closing Net Assets Worksheet by at least \$50,000, the Purchaser shall pay the full amount of the difference between the Pre-Closing Net Assets Worksheet amount and the Closing Net Assets Worksheet amount to E/M within fifteen (15) days of the date of calculation, unless E/M disputes said calculation. Any payment required to be made pursuant to either of the preceding two sentences shall be referred to as a "Post-Closing Adjustment". If the amount of net assets shown on the Pre-Closing Net Assets Worksheet equals the amount of net assets shown on the Closing Net Assets Worksheet, or if any difference between the two is less than \$50,000, no Post-Closing Adjustment shall be payable by either party.

SECTION 2.5 Resolution of Post-Closing Adjustment Disputes. E/M may dispute the amount of a Post-Closing Adjustment within fifteen (15) days of receipt by E/M of notice of such adjustment. E/M shall notify Purchaser in writing of each disputed item, specifying the amount in dispute. Purchaser and E/M shall attempt to resolve any disputed amounts. If Purchaser and E/M are unable to reach a resolution within fifteen (15) business days following the receipt by Purchaser of E/M's notice of disputed items, they shall submit the items remaining in dispute to KPMG Peat Marwick, which firm shall (i) evaluate the claim for an adjustment in accordance with this Agreement, including the principles and accounts used by E/M and by Purchaser in preparing the Pre-Closing and Closing Net Assets Worksheets, and generally accepted accounting principles ("GAAP") and (ii) report to the parties within thirty business days after submission to it of the disputed items. Such evaluation shall be final, binding and conclusive. The fees and expenses of KPMG Peat Marwick shall be shared equally by Purchaser and E/M.

SECTION 2.6 Allocation of the Purchase Price.

(a) E/M and Purchaser shall use their best efforts to agree, within ninety (90) days of final determination of the Purchase Price, to an allocation of the Purchase Price (together with liabilities assumed hereunder and other relevant items) among the Assets. Such allocation will comply with the requirements of Section 1060 of the Internal Revenue Code of 1986, as amended. Purchaser will prepare IRS Form 8594 for E/M's review and comment. E/M and Purchaser represent, warrant and agree that such allocation will be determined through arm's length negotiations. E/M and Purchaser each agrees that, to the extent permitted by applicable law, it will adopt and utilize the amounts allocated to each asset or class of assets for purposes of all Federal, state and other income Tax returns or reports of any nature filed by it and that it will not voluntarily

take any position inconsistent therewith upon examination of any such Tax returns or reports, in any claim for refund, in any litigation or otherwise with respect to such Tax returns or reports. Notwithstanding any other provisions of this Agreement, the foregoing agreement shall survive the Closing Date without limitation.

(b) As used in this Agreement, the term "Tax" or "Taxes" means any Federal, state, local, foreign or other taxes, including, without limitation, income (net or gross), gross receipts, profits, alternative or add-on minimum, franchise, license, capital, capital stock, intangible, services, premium, mining, transfer, sales, use, ad valorem, payroll, wage, severance, employment, occupation, property (real or personal), windfall profits, import, excise, custom, stamp, withholding or governmental charges of any kind whatsoever (including interest, penalties, additions to tax or additional amounts with respect to such items), but excluding pre-paid operating taxes included within pre-paid expenses under Section 2.1(k) above.

SECTION 2.7 Further Assurances. At the Closing, and from time to time after the Closing, (i) at the request of Purchaser and without further consideration, E/M shall promptly execute and deliver to Purchaser such certificates and other instruments of sale, conveyance, assignment and transfer, and take such other action, as may reasonably be requested by Purchaser to sell, convey, assign and transfer to and vest in Purchaser or to put Purchaser in possession of the Assets, and (ii) at the request of E/M and without further consideration, Purchaser shall promptly execute and deliver to E/M such certificates and other instruments of assumption, and take such other action, as may reasonably be requested by E/M more effectively to confirm and carry out the assumption by Purchaser of the obligations of E/M assumed by Purchaser hereunder. To the extent that any consents, waivers or approvals necessary to convey items of Assets to Purchaser are not obtained prior to the Closing, E/M shall use all reasonable efforts to: (i) provide to Purchaser, at the request of Purchaser, the benefits of any such Asset; (ii) operate in any reasonable and lawful arrangement, approved by Purchaser, designed to provide such benefits to Purchaser; and (iii) enforce and perform, at the request and expense of Purchaser, for the liability and account of Purchaser, any rights or obligations of E/M arising from any such Asset against or in respect of any third person (including a government or governmental unit), including the right to elect to terminate any contract, arrangement or agreement in accordance with the terms thereof upon the advice of Purchaser;

SECTION 2.8 Instruments of Conveyance, Transfer, Assumption, Etc. E/M shall properly execute and deliver to Purchaser at the Closing: (i) the Bill of Sale in substantially the form of Exhibit 2.8(i) hereto (the "Bill of Sale"); (ii) an assignment of the assignable Contracts, which include each of the assignable leases for the Leased Properties, in the form of Exhibit 2.8(ii); (iii) a deed in the form of Exhibit 2.8(iii); and (iv) such other documents as Purchaser shall reasonably request.

SECTION 2.9 Risk of Loss. The risk of loss or damage to all Assets shall remain with E/M until the Closing.

ARTICLE III

CERTAIN LIABILITIES

SECTION 3.1 Liabilities Assumed.

(a) Purchaser shall assume liability for the accounts payable and accrued expenses of the Business to be included within the Closing Net Assets Worksheet, for purchase orders (oral or written) issued by E/M in the normal course of business which have not yet been processed as an account payable, and for all liabilities arising out of events occurring on or after the Closing Date which arise in connection with activities of Purchaser on or after the Closing Date (including without limitation all fines and penalties, if any, in connection with air emissions at the Lombard, Illinois Facility and the Sharon Hill, Pennsylvania Facility) in connection with the following: (i) the Assets; (ii) the Business; and (iii) the Contracts which are assigned or transferred to Purchaser (collectively, the "Assumed Obligations").

(b) Except as and to the extent expressly provided in this Agreement, nothing herein shall be interpreted as constituting an assumption by Purchaser, or as requiring Purchaser to pay or otherwise be responsible for, and Purchaser expressly disclaims any liability or obligation of E/M other than the Assumed Obligations. E/M shall retain and be solely responsible for paying or otherwise discharging or satisfying any and all liabilities and obligations of E/M which are not Assumed Obligations, including but not limited to: (i) all liabilities under contracts which are not assigned to Purchaser; (ii) employment or personnel-related obligations of E/M or Great Lakes, including obligations or liabilities arising from or in connection with any employee benefit plan, program or arrangement sponsored or maintained by E/M or Great Lakes; (iii) liabilities relating to products of the Business which were manufactured or sold prior to the Closing Date, but only if (x) said products were not subsequently altered by Purchaser, (y) said products were not sold or used for any application which is new or not consistent with E/M's historical practice, and (z) if E/M is legally liable for such liabilities; (iv) Environmental Liabilities and Expenses for Cleanup of Hazardous Substances Released on, beneath or adjacent to the North Hollywood and Mountain View Facilities before the Closing Date, or relating to or arising from E/M's operation, use, ownership, lease or occupancy of any facility or property that is not a Facility; (v) Environmental Liabilities and Expenses arising from or related to the use of the cistern or septic system by the E/M R&D Facility located at Highway 52, West Lafayette, Indiana, except to the extent that any such Environmental Liabilities and Expenses arise from or are caused by the activities of Purchaser on or after the Closing Date; (vi) all fines and penalties, if any, which arise in connection with air emissions at the Lombard, Illinois Facility or the Sharon Hill Pennsylvania Facility in connection with the acts or omissions of E/M prior to Closing; (vii) all other fines and penalties, if any, occurring on account of a violation of any Environmental Laws at any Facility which arose prior to Closing; (viii) subject to Sections 3.2 and 3.4 below, any and all Tax liabilities of E/M or any affiliate of E/M; and (ix) Environmental Liabilities and Expenses in connection with any off-site disposal of Hazardous Substances by E/M that took place prior to Closing. Capitalized terms used in this Section 3.1 and not defined herein are defined in Section 4.1(a) below.

N. Holly
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SECTION 3.2 Liability for Taxes. All real estate and personal property Taxes, assessments and any governmental Tax or charge levied or assessed against the Real Property or Personal Property (collectively, "Property Taxes") shall be (i) prorated between Purchaser and E/M up to the Closing Date on the basis of E/M's current year Tax accrual for real estate and personal property taxes and (ii) readjusted, if necessary, after the Closing Date when the actual Property Taxes have been determined. Readjustment payments shall be made within 30 days from the date of a request from either party.

SECTION 3.3 Utility Charges. The charges for all fuel, electricity, water, sewer, gas, telephone and other utility charges incurred at any E/M location in connection with the Business (collectively "Utility Charges") prior to the Closing Date shall be paid by E/M. All Utility Charges incurred on or after the Closing Date shall be paid by Purchaser, subject to any provision to the contrary in the Supplemental Agreement (including Exhibits thereto) referenced in Sections 9.5 and 10.5 below with respect to the E/M headquarters building and the E/M R&D Facility. The amount payable with respect to all metered utilities shall be determined by meter readings taken as of the Closing Date or pro-rated on a daily basis to the Closing Date. The amount payable by E/M with respect to long distance telephone calls shall be determined by examination of the invoices therefore, and the amount payable by E/M with respect to all other Utility Charges billed on a time used basis (including without limitation basic telephone charges) shall be prorated on a daily basis. All Utility Charges due from E/M shall be paid to Purchaser upon Purchaser's receipt of invoices therefore and notification thereof to E/M. Purchaser and E/M shall cooperate to attempt to transfer responsibility for Utility Charges to the name of Purchaser as of the Closing Date.

SECTION 3.4 Transfer Taxes and Expenses. Each party shall pay all sales, use, privilege and other transfer or similar Taxes imposed on it by law as a result of the transactions contemplated hereby. The parties shall share equally in the costs of all recording fees and costs, all survey costs, all title commitment and title insurance premiums for Purchaser's owner's policy, and all transfer Taxes or revenue stamps incidental to the recordation of the deed(s) conveying the Real Property.

SECTION 3.5 Bulk Sales Requirement. Purchaser hereby waives compliance by E/M with any bulk sales notice requirements under applicable law, and E/M shall indemnify and hold Purchaser harmless from any and all losses, liabilities, claims and expenses incurred by Purchaser as a result of E/M's failure to comply with such requirements.

ARTICLE IV

INDEMNIFICATION AND RELATED COVENANTS

SECTION 4.1 Certain Indemnifications

(a) Definitions. For purposes of this Agreement, the below listed terms shall have the following meaning:

Cleanup - means all actions required to: (i) cleanup, remove, treat or remediate Hazardous Substances in the indoor or outdoor environment; (ii) remedy or otherwise address the Release of Hazardous Substances or to address the threat of a Release if required under any Environmental Law; (iii) perform pre-remedial studies and investigations and post-remedial monitoring and care; or (iv) respond to any government requests for information or documents in any way relating to cleanup, removal, treatment or remediation or potential cleanup, removal, treatment or remediation of Hazardous Substances in the indoor or outdoor environment.

Environmental Laws - means all foreign, Federal, state and local laws, regulations, rules and ordinances relating to pollution or protection of the environment, or health and safety, including, without limitation, laws relating to Releases or threatened Releases of Hazardous Substances or otherwise relating to the manufacture, processing, distribution, use, treatment, storage, Release, transport or handling of Hazardous Substances, and all laws and regulations with regard to record keeping, notification, disclosure, training and reporting requirements respecting Hazardous Substances.

Hazardous Substances - means all substances defined as hazardous substances, oils, pollutants or contaminants in the National Oil and Hazardous Substances Pollution Contingency Plan, 40 C.F.R. § 300.5, or defined as such by, or regulated as such under, any Environmental Law.

Environmental Liabilities and Expenses - means all costs or expenses paid to conduct Cleanup or otherwise paid to address obligations arising under Environmental Laws (including, without limitation, all reasonable fees, disbursements and expenses of counsel, expert and consulting fees and costs of investigations and feasibility studies and responding to government requests for information or documents) or otherwise paid to address any Release.

Release - means any release, spill, emission, discharge, leaking, pumping, injection, deposit, disposal, discharge, dispersal, leaching or migration into the indoor or outdoor environment (including, without limitation, ambient air, surface water, groundwater, and surface or subsurface strata) or into or out of any property, including the movement of Hazardous Substances through or in the air, soil, surface water, groundwater or property.

Facility - means each location at which the Business is currently being conducted by E/M on the Closing Date.

(b) E/M's Indemnity Obligations With Respect to Environmental Matters and Certain Other Matters. Subject to the limitations below in this Section 4.1(b) and in Section 4.1(e), E/M will indemnify Purchaser for Costs. The term "Third Party" shall include, but not be limited to, any landlord of Purchaser at a Facility. The term "Costs" shall mean (i) Environmental Liabilities and Expenses paid by Purchaser under this Section 4.1(b) or under Section 4.1(d) below, but only if such Environmental Liabilities and Expenses both (x) relate to contamination at a Facility or contamination arising from off-site disposal of Hazardous Substances caused by E/M on or before the Closing Date and (y) are incurred in response to a claim asserted by, or a requirement imposed by, a governmental agency, a Third Party, or a court acting upon the demand of a governmental agency or Third Party, together with (ii) all indemnity, reimbursement or other payments made by

E/M pursuant to Section 3.5 above or Sections 4.2(a), 4.3, 7.7, 7.8 or 7.9 below and (iii) all payments made by E/M to The Morgan Crucible Company plc under Section 8.12 of the IP Agreement. E/M's indemnity obligations will expire upon the expiration of the "E/M Indemnification Period", which period shall be defined as that period beginning on the Closing Date and expiring on the earlier of (i) the date on which E/M has paid, in total, Costs equaling 50% of the sum of the Purchase Price plus \$7,500,000.00, or (ii) ten (10) years after the Closing Date. Any Costs paid by Purchaser for Environmental Liabilities and Expenses at the North Hollywood and Mountain View, California Facilities shall not be subject to or counted as a part of the 50% of Purchase Price limitation set forth in the preceding sentence. E/M shall have no obligation to indemnify Purchaser in connection with any Costs unless prior to incurring such Costs Purchaser has taken reasonable steps to notify E/M and obtain E/M's input and consent in connection with such Costs, which consent shall not be unreasonably withheld. E/M shall have no obligation to make any indemnification payments after the E/M Indemnification Period has expired.

(c) Purchaser's Indemnity Obligations With Respect to Environmental Matters. Purchaser will indemnify E/M and Great Lakes from and against any Environmental Liabilities and Expenses in connection with contamination at or from a Facility caused by Purchaser on or after the Closing Date or in connection with any off-site disposal of Hazardous Substances by Purchaser taking place on or after the Closing Date.

(d) Sharable Costs. "Sharable Costs" shall include (i) Costs relating to Environmental Liabilities and Expenses in connection with which indemnity from E/M may be and is sought by Purchaser pursuant to Section 4.1(b) above, and (ii) Environmental Liabilities and Expenses in connection with which indemnity from Purchaser may be and is sought by E/M pursuant to Section 4.1(c) above, and which in either case involve contamination at any Facility to which both E/M contributed prior to the Closing Date and Purchaser contributed after the Closing Date. The parties will share Sharable Costs in the proportion to which each contributed to the contamination, with said proportion determined by comparing (i) the Closing Date Contamination Level as established below (for which E/M shall have responsibility) with (ii) contamination above said Closing Date Contamination Level (for which Purchaser shall have responsibility). The "Closing Date Contamination Level" shall be determined by a nationally recognized environmental consultant agreed to by both parties. Said consultant shall be instructed to determine that level of contamination with respect to any substance then at issue which was present before the Closing Date, which shall be the Closing Date Contamination Level with respect to that substance. In determining said Closing Date Contamination Level for a substance, the environmental consultant shall review all available records and other information concerning each party's usage of the substance of concern at the subject Facility. The environmental consultant's review shall include, but not be limited to, consideration of such data as purchase records, regulatory filings, manifests and other disposal records, and prior site investigations. The costs of the environmental consultant shall be shared equally by the parties. The environmental consultant shall prepare a report of its findings, which shall include a determination of the Closing Date Contamination Level for the substance or substances in question, which determination shall be binding on both parties.

(e) Claims and Requirements. Purchaser shall not, unless required by law, voluntarily approach, communicate with or otherwise inform any government agency or any Third

Party concerning any contamination at a Facility caused by E/M on or before the Closing Date or any off-site disposal of Hazardous Substances by E/M taking place on or before the Closing Date. E/M shall have no obligation under Section 4.1(b), 4.1(d), 4.2(a), any other provision of the Agreement or otherwise to indemnify Purchaser for Costs arising from any such claim or requirement unless such claim is asserted by, or such requirement is imposed by, a governmental agency or Third Party (or a court acting upon the demand of a governmental agency or Third Party) acting otherwise than as the result, in whole or in part, of any action having been voluntarily taken by, or information voluntarily supplied by, Purchaser. This Section shall not prevent Purchaser from complying with (i) any applicable law or regulation requiring the reporting of such contamination or disposal, or (ii) the terms of any Contract which is assigned, and the filing of a report with a governmental agency that is required by law shall not be deemed to be a voluntary act under this Section.

SECTION 4.2 Other Indemnifications.

(a) Other Indemnifications. E/M agrees to indemnify Purchaser for, and hold it harmless from and against, any and all losses, claims, shortages, damages, liabilities, expenses (including reasonable attorneys' and expert or consultants' fees), assessments, Tax deficiencies and Taxes (including interest or penalties thereon) sustained, suffered or incurred by Purchaser arising from or in connection with (i) subject to Section 5.9(h) below, the breach of any representation or warranty of E/M contained in Article V or in any agreement or certificate delivered in connection herewith at or before the Closing, (ii) the breach of any agreement or covenant of E/M contained in this Agreement or any agreement executed by E/M in connection herewith, and (iii) the assertion against Purchaser of any liability or obligation which is not an Assumed Obligation and which relates to the Business prior to the Closing. In addition, if Purchaser offers employment to any employee of E/M pursuant to Section 8.1 below, if said employee accepts said offer, if Purchaser terminates said employment within ninety (90) days of the Closing Date (or in the case of E/M employees who are employed by E/M in West Lafayette, Indiana, within one year of the Closing Date), and if Purchaser immediately notifies E/M of said termination, E/M will reimburse Purchaser for any severance payments made by Purchaser to said employee pursuant to Purchaser's standard severance policy in connection with said termination, but only up to a maximum of \$100,000. Notwithstanding the foregoing, E/M shall have no obligation to make any payment under the preceding sentence with respect to any such employee who has waived his or her right to receive severance payments from E/M or to whom either E/M or Great Lakes offers employment in any capacity upon termination of said employee's employment by Purchaser. Purchaser shall notify E/M at least thirty days in advance of the date on which said termination of employment shall become effective for any employee with respect to whom Purchaser will seek reimbursement under this Section. Any sums paid by E/M under this Section 4.2(a) shall be included with the term "Costs" as that term is defined in Section 4.1(b) above, and E/M's indemnity obligation under this Section 4.2(a) will expire when and as provided in Section 4.1(b).

(b) By Purchaser. Purchaser agrees to indemnify E/M for, and hold it harmless from and against, any and all losses, claims, shortages, damages, liabilities, expenses (including reasonable attorneys' and expert or consultants' fees), assessments, Tax deficiencies and Taxes (including interest or penalties thereon) sustained, suffered or incurred by E/M, its affiliates,

successors and assigns arising from or in connection with (i) the breach of any representation or warranty of Purchaser contained in Article VI or in any agreement or certificate delivered in connection herewith at or before the Closing, (ii) the breach of any agreement or covenant of Purchaser contained in this Agreement or any agreement executed by Purchaser in connection herewith, (iii) the breach by Purchaser of any Contract, License or Permit which is assigned to Purchaser, (iv) the failure by Purchaser to materially comply with all applicable laws, including without limitation Environmental Laws, and (v) the assertion against E/M of any liability or obligation which is an Assumed Obligation. Purchaser's indemnity obligation herein will expire upon the expiration of the "Purchaser Indemnification Period", which period shall be defined as that period beginning on the Closing Date and expiring on the earlier of (i) the date on which the sum of (w) all payments made by Purchaser under this Section 4.2(b), together with (x) all payments made by Purchaser under Section 4.1(c) and (d) above, (y) all indemnity payments made by Purchaser pursuant to Section 4.3 below and (z) all payments made by Morgan under Section 8.13 of the IP Agreement equals 50% of the sum of the Purchase Price plus \$7,500,000.00 or (ii) ten years after the Closing Date. Purchaser shall have no obligation to make any indemnification payments after the Purchaser Indemnification Period has expired.

SECTION 4.3 Lombard and Sharon Hill Facilities. As soon as practicable after the Closing Date, representatives of the parties will jointly approach the (i) Illinois Environmental Protection Agency (the "IEPA") to resolve all fines and penalties in connection with air emissions arising with respect to the Lombard, Illinois Facility and (ii) the Pennsylvania Department of Environmental Resources ("PaDER") to resolve all fines and penalties in connection with air emissions arising with respect to the Sharon Hill, Pennsylvania Facility. The parties will work together in good faith to minimize the amount of such fines and penalties which may be levied by the IEPA or by PaDER. E/M will remain responsible for, and will hold Purchaser harmless from and against, all such fines and penalties which are levied in connection with acts or omissions of E/M at the Lombard Facility and the Sharon Hill Facility before the Closing Date. Purchaser will be responsible for, and will hold E/M harmless from and against, all such fines and penalties which are levied in connection with acts or omissions of Purchaser at the Lombard Facility and the Sharon Hill Facility on or after the Closing Date. Neither party will approach or discuss or negotiate with the IEPA or PaDER in connection with such fines and penalties, or the circumstances which could give rise to the same, without first offering the other party the opportunity to participate jointly with respect to such approach, discussion or negotiation. Without limiting the effect of the immediately preceding sentence, Purchaser shall be responsible for negotiations with the IEPA and PaDER with respect to the issuance of future permits or terms of compliance with any such permits for operations at the Facilities after the Closing.

ARTICLE V

E/M'S REPRESENTATIONS AND WARRANTIES

E/M represents and warrants to Purchaser the following:

SECTION 5.1 Corporate Status and Good Standing. E/M is a corporation duly organized, validly existing and in good standing under the laws of Delaware with full corporate

power and authority under its articles of incorporation and by-laws to own and lease its properties and to conduct business, including the Business.

SECTION 5.2 Authorization. E/M has full corporate power and authority under its articles of incorporation and by-laws, and its Board of Directors has taken all necessary action to authorize E/M, to execute and deliver this Agreement and the exhibits and schedules hereto (collectively, the "Documents"), to consummate the transactions contemplated by the Documents and to take all actions required to be taken by E/M pursuant to the provisions of the Documents, and this Agreement constitutes the valid and binding obligation of E/M enforceable in accordance with its terms.

SECTION 5.3 Consents. Except as set forth in Schedule 5.3, no consent, license, approval, order or authorization of, or registration, filing, or declaration with, any governmental authority is required to be obtained or made by E/M, and no consent of any third party is required in connection with E/M's execution, delivery and performance of the Documents.

SECTION 5.4 Non-Contravention. Except as set forth in Schedule 5.4, neither the execution and delivery of the Documents, nor the consummation of the transactions contemplated by the Documents, does or will violate, conflict with or result in breach of any provision of:

- (a) any mortgage, deed of trust, lease, note, shareholders' agreement, bond, indenture, other instrument or agreement, trust, custodianship, or other restriction to which E/M is a party (including, to the best of E/M's knowledge, the Contracts);
- (b) any law, statute, rule, regulation or judicial or administrative decision;
- (c) any articles or certificate of incorporation or by-laws; or
- (d) any judgment, order, writ, injunction or decree of any court, governmental body, administrative agency or arbitrator.

SECTION 5.5 Validity. There are no pending or, to the best of E/M's knowledge, threatened, judicial or administrative actions, proceedings or investigations which question the validity of this Agreement or any action taken or to be taken by E/M in connection with this Agreement.

SECTION 5.6 Brokers. E/M has not retained any banker, finder or agent or agreed to pay any brokerage fees, finder's fees or commissions with respect to the transactions contemplated by this Agreement.

SECTION 5.7 No Misrepresentations. All schedules to this Agreement are materially complete and accurate as of the date hereof. No representation or warranty by E/M in this Agreement and no certificate, schedule, exhibit, statement, document, or instrument furnished or to be furnished to Purchaser pursuant hereto, or in connection with the negotiation, execution or performance of this Agreement, contains or will contain any untrue statement of a material fact or

omits or will omit any material fact required to be stated herein or therein or necessary to make any statement herein or therein not misleading.

SECTION 5.8 Litigation and Arbitration. Except as set forth in Schedule 5.8, there is no investigation, claim, arbitration, mediation, proceeding or litigation of any type pending, or to E/M's knowledge threatened, against E/M involving or relating to in any material respect any Asset, any Assumed Liability or the Business, and there is no judgment, order, writ, injunction or decree of any court, governmental agency or arbitral tribunal against or involving any Asset or the Business.

SECTION 5.9 Property.

(a) E/M has delivered or made available to Purchaser complete copies of all (i) title reports, policies, opinions and surveys in E/M's possession, if any, affording information or opinions with respect to title to the Real Property, and the use and possession thereof, including any easements, encumbrances and other restrictions applicable thereto and known to E/M or its Affiliates; (ii) deeds or other title holding agreements, under which any of the Real Property may have been conveyed to E/M; and (iii) leases and documents relating to the Leased Properties, including any amendments thereto and any assignments thereof. The Real Property is owned by E/M, free and clear of all liens, claims, mortgages, security interests and encumbrances (collectively, the "Encumbrances") except for the easements and restrictions of record, provided that said easements and restrictions of record do not interfere with the use and occupancy of the Real Property in connection with the operation of the Business, and for encumbrances set forth in Schedule 5.9(a), and liens for current Taxes and other assessments accrued but not due and payable (collectively, "Permitted Encumbrances"). E/M will sell and transfer to Purchaser good and marketable title to the Real Property, free and clear of all liens, claims, mortgages, security interests and encumbrances other than Permitted Encumbrances. The Real Property includes all real property which is both owned by E/M and used in conducting the Business;

(b) With respect to the Leased Properties, (i) E/M is in peaceful and undisturbed possession of the space and/or estate under each lease, (ii) E/M has not entered into any oral agreement with respect to the Leased Properties, (iii) E/M has paid all rent and other payments due under the leases through the Closing Date, (iv) E/M has fully satisfied or performed in all material respects all conditions and obligations required to be satisfied or performed under the leases, (v) each lease is in good standing and full force and effect in accordance with its terms, except as set forth in Schedule 5.9(b), and (vi) E/M is currently using the Leased Properties for the purpose or purposes described in or permitted under the leases.

(c) E/M has sufficient, valid and lawful rights of ingress and egress to and from each of the Properties from and to the public street systems, and all necessary utility easements, for all usual street, road and utility purposes and other purposes necessary or incidental to the Business;

(d) To the best of E/M's knowledge, the buildings and other improvements located on each tract or parcel of real property included in the Properties do not encroach on any easements or on any land not included within the boundary lines of such tract or parcel of real

property and there are no neighboring improvements encroaching on such tract or parcel of real property;

(e) To the best of E/M's knowledge, the current use of each parcel included in the Properties does not violate or conflict with (i) any covenants, conditions or restrictions applicable thereto,;

(f) Except as scheduled elsewhere in this Article V, E/M has not received any notice of any appropriation, condemnation or like proceeding, or of any violation or non-conformance with any law or other requirement relating to or affecting the Properties, and to the best of E/M's knowledge, no such proceeding has been threatened or commenced;

(g) The operation of the Business in the manner currently being conducted does not require ownership or possession of any real property interest, including without limitation any easements, other than the Properties, provided that the buildings in West Lafayette, Indiana which serve as E/M's laboratory and headquarters are not included within the Properties;

(h) Notwithstanding any provision to the contrary in this Agreement, E/M shall not be liable for any breach of any warranty in this Section 5.9 (including its subparts) to the extent of any recovery paid to Purchaser by its title insurance provider with respect to the representation or warranty in question. If Purchaser commences any action under this Section 5.9 against E/M, it will also name the title insurance provider as a defendant if permissible under the applicable court rules and law and if the warranty in question is or may be covered by the title insurance provided by said provider.

SECTION 5.10 Personal Property. The Personal Property is owned by E/M free and clear of all liens, claims, mortgages, security interests and encumbrances. E/M will sell and transfer to Purchaser good and marketable title to the Personal Property, free and clear of all liens, claims, mortgages, security interests and encumbrances. The Personal Property includes all personal property used by E/M in conducting the Business other than leased personal property.

SECTION 5.11 Contracts. Each of the Contracts is in full force and effect, valid and binding upon and enforceable against the parties thereto in accordance with its respective terms, except as such enforcement may be limited by applicable bankruptcy, insolvency, reorganization, moratorium or similar laws affecting rights of creditors. E/M is not in default or breach of any Contract, and, to the best of E/M's knowledge, no other party to any Contract is in default or breach under the terms thereof. To the best of E/M's knowledge, there exists no condition which does or which would, after notice or lapse of time or both, constitute a default or breach of any Contract that would have a material adverse effect on the Business, except to the extent that any items in Schedule 5.11 conflict with any Contract. The Contracts include all transferrable contracts, purchase orders, leases, non-compete agreements, confidentiality agreements and other agreements associated with the Business, provided that the leases between E/M and Great Lakes with respect to E/M's laboratory and headquarters buildings in West Lafayette, Indiana are not included within the Contracts.

SECTION 5.12 Licenses and Permits. Except as set forth in Schedule 5.12, the Licenses and Permits are in good standing and full force and effect and E/M has received no notice of violation or breach thereof. Except as set forth in Schedule 5.12, the Licenses and Permits include all licenses or permits used or to the best of E/M's knowledge required to be obtained by E/M in conducting the Business.

SECTION 5.13 Employee Matters.

(a) All current E/M employees, together with their titles and wages or salaries, and details of any bonus or sales commissions plans other than success bonuses which may be payable by Great Lakes to certain of E/M's key employees in connection with this Acquisition are listed in Schedule 5.13(a). To the best of E/M's knowledge, no key employee plans to terminate his or her employment by E/M prior to Closing or has determined not to accept employment with Purchaser.

(b) E/M has not suffered any strike, slowdown, picketing or work stoppage by any union or other group of employees affecting the Business. There is no collective bargaining agreement which determines the terms and conditions of employment of any employee of E/M, no collective bargaining agent has been certified as a representative of any of the employees of E/M and, to the best of E/M's knowledge, no representation campaign or election is now in progress with respect to any of the employees of E/M.

(c) E/M has, to the best of its knowledge, materially complied with all applicable Federal, state and local statutes and regulations with respect to the employment of non-United States citizens.

SECTION 5.14 Financial Records; Absence of Changes.

(a) Exhibit 5.14(a) contains the following financial statements (collectively, the "Financial Statements");

(i) the unaudited balance sheet of E/M for the fiscal year ended December 31, 1994 and the related unaudited statement of income and unaudited statement of cash flows for the twelve (12) months ended December 31, 1994;

(ii) the unaudited balance sheet of E/M for the twelve (12) months ended December 31, 1995 and the related unaudited statement of income and unaudited statement of cash flows for the twelve (12) months ended December 31, 1995 (collectively, the "Latest Financial Statements");

(iii) the unaudited balance sheet of E/M for the seven (7) months ended July 31, 1996 and the related unaudited statement of income and unaudited statement of cash flows for the seven (7) months ended July 31, 1996; and

(iv) the unaudited Controller's Report for the nine (9) month period ending on September 30, 1996.

(b) The Financial Statements (i) were prepared in accordance with the books and records of the Business, (ii) fairly present the financial position of the Business in each case at and as of the dates indicated and the results of operations, and cash flows of the Business for the periods indicated and (iii) have been prepared in all material respects in accordance with GAAP applied consistently in all material respects throughout the periods covered thereby. Schedule 5.14(b) sets forth those instances known to E/M where the Financial Statements were not prepared consistently with GAAP. Since the date of the Latest Financial Statements, except as required by law or GAAP, there has been no change in any accounting principle, procedure or practice followed by E/M or in the method of applying such principle, procedure or practice.

SECTION 5.15 Quality of Assets. Except as set forth in Schedule 5.15, all buildings, fixtures and improvements on the Real Property and all Personal Property are in good, serviceable condition and fit for the purposes for which they are used in the Business, subject to normal maintenance requirements and normal wear and tear reasonably expected in the ordinary course of the Business.

SECTION 5.16 Liabilities. Except as set forth in Schedule 5.16 or any other Schedule hereto, E/M is unaware of any existing, contingent or threatened liability, lien or claim that relates to or has been or may be asserted against Assets or the Business that could reasonably be expected to have a material consequence to the Business prospects.

SECTION 5.17 Inventory. Except as disclosed in Schedule 5.17, the inventories of raw materials, in-process and finished products of the Business are in good condition, conform in all respects with the applicable specifications and warranties of the Business, are not obsolete, are useable or saleable in the ordinary course of business and, if saleable, are saleable at values not less than the book value amounts thereof. All in-process and finished products in such inventories have been produced in compliance with the applicable quality control procedures of the Business, including, but not limited to, all applicable military specifications or standards. The value of all items of obsolete materials and of materials of below standard quality has been written down to net realizable value or adequate reserves have been provided therefor. The amount and mix of items in the inventories of supplies, in-process and finished products is consistent with E/M's past business practices. All finished products and raw materials in inventory shall be saleable and useable as of the Closing Date and shall remain saleable and useable in accordance with E/M's historical practices for at least 270 days after the Closing Date. If any such finished product or raw material fails to satisfy the representation and warranty in the preceding sentence, E/M shall compensate Purchaser pursuant to Section 7.6 below.

SECTION 5.18 No Material Change. Since the date of the Latest Financial Statements, there has been no material adverse change in the financial condition, assets, liabilities (contingent or otherwise), results of operations, business or business prospects of the Business.

SECTION 5.19 Absence of Change or Event. Except as disclosed in Schedule 5.19, since the date of the Latest Financial Statements, E/M has conducted the Business only in the ordinary course and has not with respect to the Business:

(a) when considered as a whole, incurred any obligation or liability, absolute, accrued, contingent or otherwise, whether due or to become due, in excess of \$25,000.00 , except as set forth in Schedule 5.19(a);

(b) mortgaged, pledged or subjected to lien, restriction or any other Encumbrance any of the property, businesses or assets, tangible or intangible, of the Business;

(c) sold, transferred, leased to others or otherwise disposed of any of its assets used in the Business (or committed to do any of the foregoing), except for inventory sold to customers or returned to vendors, in each case in the ordinary course of business and consistent with prior practice, or canceled, waived, released or otherwise compromised any debt or claim, or any right of significant value, except in the ordinary course of business and consistent with prior practice;

(d) suffered any damage, destruction or loss (whether or not covered by insurance) which has had or could have a material adverse change on the financial condition, assets, liabilities (contingent or otherwise), results of operations, business or business prospects of the Business;

(e) except as set forth in Schedule 5.19(e), made or committed to make any capital expenditures or capital additions or betterments in excess of an aggregate of \$25,000.00;

(f) encountered any labor union organizing activity or had any actual or threatened employee strikes, work stoppages, slow-downs or lock-outs;

(g) instituted any litigation, action or proceeding before any court, governmental body or arbitration tribunal relating to it or its property, except for litigation, actions or proceedings instituted in the ordinary course of business and consistent with prior practice;

(h) increased the compensation of any officer, employee or agent of the Business, directly or indirectly, including by means of any bonus, pension plan, profit sharing, deferred compensation, savings, insurance, retirement, or any other employee benefit plan, except in the ordinary course of business consistent with prior practice, other than success bonuses which may be payable by Great Lakes to certain of E/M's key employees in connection with this Acquisition;

(i) increased promotional or advertising expenditures except in the ordinary course of business consistent with prior practice or otherwise changed its policies or practices with respect thereto; or

(j) made or changed any election concerning Taxes or Tax returns, changed an annual accounting period, adopted or changed any accounting method, filed any amended return, entered into any closing agreement with respect to Taxes, settled any Tax claim or assessment or surrendered any right to claim a refund of Taxes or obtained or entered into any Tax ruling, agreement, contract, understanding, arrangement or plan.

SECTION 5.20 Compliance with Law. Except as disclosed in Schedule 5.20 or any other Schedule hereto, the operations and activities of the Business have materially complied with, and are in material compliance in all respects with, all applicable Federal, state and local laws, including, without limitation, all Environmental Laws, including, without limitation, all restrictions, conditions, standards, limitations, prohibitions, requirements, obligations, schedules and timetables contained in the Environmental Laws or contained in any regulation, code, plan, order, decree, judgment, injunction, notice or demand letter issued, entered, promulgated or approved thereunder. Except as disclosed in Schedule 5.20 or any other Schedule hereto, no non-compliance with any law (whether material or not) has had a material adverse effect on the value of the Business

SECTION 5.21 Environmental Matters. E/M has provided Purchaser with access to all non-privileged documents and information with respect environmental matters at all Facilities, including any Release or Cleanup at any Facility or any other properties owned by E/M or Great Lakes which could result in the assertion or creation of a lien on the Real Property by any governmental body or agency with respect thereto.

SECTION 5.22 Receivables. The accounts receivable of the Business as of the Closing Date represent valid obligations owing to the Business and to the best of E/M's knowledge are fully collectible, except as disclosed on Schedule 5.22.

SECTION 5.23 Disclaimer. Notwithstanding any other provision in this Agreement, E/M makes no representation or warranty whatsoever with respect to the applicability of, or any consent, confirmation, notification, investigation or approval which may be required with respect to this Acquisition under, Section 721 (as that term is defined in Section 9.6(b) below).

SECTION 5.24 Pre-Closing Actions. E/M has completed those actions specified in Schedule 5.24 .

ARTICLE VI

PURCHASER'S REPRESENTATIONS AND WARRANTIES

Purchaser represents and warrants to E/M the following:

SECTION 6.1 Corporate Status and Good Standing. Purchaser is a corporation duly organized, validly existing and in good standing under the laws of Delaware, with full corporate power and authority under its articles of incorporation and by-laws to own and lease its properties and to conduct its business and to operate and conduct the Business.

SECTION 6.2 Authorization. Purchaser has full corporate power and authority under its articles of incorporation and by-laws, and its Board of Directors has taken all necessary action to authorize Purchaser, to execute and deliver the Documents, to consummate the transactions contemplated by the Documents and to take all actions required to be taken by Purchaser pursuant to the provisions of the Documents, and this Agreement constitutes the valid and binding obligation of Purchaser enforceable in accordance with its terms.

SECTION 6.3 Consents. Except as set forth in Schedule 6.3, no consent, license, approval, order or authorization of, or registration, filing, or declaration with, any governmental authority is required to be obtained or made by Purchaser, and no consent of any third party is required in connection with Purchaser's execution, delivery and performance of the Documents.

SECTION 6.4 Non-Contravention. Neither the execution and delivery of the Documents, nor the consummation of the transactions contemplated by the Documents, does or will violate, conflict with or result in breach of any provision of:

- (a) any mortgage, deed of trust, lease, note, shareholders' agreement, bond, indenture, other instrument or agreement, license, permit, trust, custodianship, or other restriction to which Purchaser is a party;
- (b) any law, statute, rule, regulation or judicial or administrative decision;
- (c) any articles or certificate of incorporation or by-laws; or
- (d) any judgment, order, writ, injunction or decree of any court, governmental body, administrative agency or arbitrator.

SECTION 6.5 Validity. There are no pending or, to the best of Purchaser's knowledge, threatened, judicial or administrative actions, proceedings or investigations which question the validity of this Agreement or any action taken or to be taken by the Purchaser in connection with this Agreement.

SECTION 6.6 Brokers. Purchaser has not retained any broker, finder or agent nor agreed to pay any brokerage fees, finder's fees or commissions with respect to the transactions contemplated by this Agreement.

SECTION 6.7 No Misrepresentations. No representation or warranty by Purchaser in this Agreement and no certificate, schedule, exhibit, statement, document, or instrument furnished or to be furnished to E/M or Great Lakes pursuant hereto or in connection with the negotiation,

execution or performance of this Agreement, contains or will contain any untrue statement of a material fact or omits or will omit any material fact required to be stated herein or therein or necessary to make any statement herein or therein not misleading.

SECTION 6.8 Environmental Disclosures. Purchaser agrees and acknowledges that the disclosures by E/M to Purchaser or its representatives hereunder as part of the due diligence investigation conducted by Purchaser in connection with the Acquisition constitute written notice for purposes of Section 25359.7 of the California Health and Safety Code.

SECTION 6.9 Disclaimer. Notwithstanding any other provision in this Agreement, Purchaser makes no representation or warranty whatsoever with respect to the applicability of, or any consent, confirmation, notification, investigation or approval which may be required with respect to this Acquisition under, Section 721 (as that term is defined in Section 9.6(b) below).

ARTICLE VII

E/M'S COVENANTS

In addition to those covenants of E/M in Article IV above, E/M covenants as follows:

SECTION 7.1 Employees. If Purchaser extends an offer of employment to an E/M employee pursuant to Section 8.1 below, E/M will not make a competing offer of employment in any capacity to said employee for three (3) years following the Closing Date and will waive any non-competition or other employment contract obligation which might otherwise restrict said employee's ability to be employed by Purchaser, provided that nothing shall prevent E/M from offering employment to any present E/M employee who is not offered employment by Purchaser or whose employment with Purchaser is terminated by Purchaser.

SECTION 7.2 Name Change. Within five (5) days following the Closing Date, E/M shall apply to the Delaware Secretary of State to change its corporate name to a name which is materially different from "E/M Corporation."

SECTION 7.3 Covenant Against Competition. As an essential consideration for the undertakings of Purchaser under this Agreement, E/M hereby covenants and agrees that, for a period of five (5) years following the Closing Date, E/M will not directly or indirectly through any affiliate, (i) engage in any manner in the Business or in the manufacture, formulation, application, distribution, marketing or sale of products or services which are the functional equivalent of or are competitive with the products and services presently offered by E/M in the Business, within the United States or any foreign country (a "Competing Business"), (ii) assist any other person in engaging in a Competing Business or (iii) solicit or contact any customer, supplier, employee or other person with a business relationship with the Business to influence such person or entity to alter in any manner its or his relationship with the Business. E/M acknowledges that money damages alone will not adequately compensate Purchaser in the event of a breach of the covenant of this Section 7.3. Therefore, E/M agrees that in addition to all remedies available at law, in equity, or

under this Agreement, Purchaser shall be entitled to injunctive relief for the enforcement of this covenant. E/M agrees that the covenant in this Section 7.3 is reasonable with respect to its duration, scope and geographical area. If at the time of enforcement of this Section 7.3, a court of competent jurisdiction should hold that the restrictions herein are unreasonable under the circumstances then existing, the parties hereto agree that the maximum duration, scope or geographical area legally permissible under such circumstances will be substituted for the duration, scope or area stated herein.

SECTION 7.4 Lock-Boxes. E/M will use reasonable efforts to have its lock-boxes assigned to Purchaser.

SECTION 7.5 Accounts Receivable. Upon receiving a demand pursuant to Section 8.4 below from Purchaser, E/M shall, in consideration of the assignment or other conveyance back to E/M of the accounts receivable which Purchaser may re-assign or re-convey to E/M under said Section 8.4, pay to Purchaser the amount specified in Section 8.4.

SECTION 7.6 Obsolete Inventory. Upon receiving a demand pursuant to Section 8.5 below, E/M shall pay to Purchaser the amount specified in Section 8.5.

SECTION 7.7 Roseville Facility. E/M shall complete its investigation of possible contamination in the hazardous material storage area at the Roseville Facility and shall provide a written proposal to Purchaser (which shall include copies of sampling results and consultant's or engineer's reports) setting forth whether or not remediation of identified contamination is required by Environmental Law, and if so, E/M's plan for such remediation. Purchaser shall promptly after its receipt thereof provide comments on the proposal. Upon Purchaser's approval of the proposal, which approval shall not be unreasonably withheld, E/M shall promptly remediate any identified contamination which requires remediation. E/M shall make all required notification and reporting to regulatory agencies, and will be responsible for any fines or penalties which arise after the Closing Date with respect to the identified contamination.

SECTION 7.8 Lombard Consent Order. E/M shall comply with the Consent Order between E/M Corporation and the Glenbard Wastewater Authority relating to wastewater discharges at the E/M Lombard, Illinois facility by : (i) retaining an engineering consultant to analyze the E/M wastewater treatment operation and make recommendations necessary to comply with applicable pre-treatment standards; (ii) submitting to Purchaser and the Glenbard Wastewater Authority the consultant's recommendations for operating the pre-treatment system in compliance with applicable pre-treatment standards; (iii) performing the sampling and analysis required by Paragraphs f, g and h in the Consent Order, and (iv) paying any stipulated penalties as provided in Paragraph (i) of the Consent Order.

SECTION 7.9 North Hollywood Discharge Permit. E/M shall comply with the order of the City of Los Angeles in Case Number 3496 ("Order") regarding discharge of industrial wastewater from the North Hollywood, California plant by: (i) retaining a consultant to identify corrective actions necessary to bring the wastewater discharge into compliance with the provisions of the Facility's Industrial Wastewater Permit; (ii) performing the sampling and analysis required by Paragraph 2 of the Order; (iii) preparing for submittal (with assistance of the consultant) the

documents and information required by Paragraphs 3A and 3B of the Order, and (iv) submitting to Purchaser a consultant's report providing recommendations on proper operation of the wastewater pre-treatment system to maintain compliance.

SECTION 7.10 Sepulveda Facility. E/M shall promptly complete, at its cost, the commissioning of the thermal oxidizer installed at the Sepulveda Facility, which shall include ensuring that a South Coast Air Quality Management District permit is obtained. Purchaser shall permit E/M and its representatives access to the Sepulveda Facility during all reasonable business hours to accomplish the commissioning.

ARTICLE VIII

PURCHASER'S COVENANTS

In addition to those covenants of Purchaser in Article IV above, Purchaser covenants as follows:

SECTION 8.1 Employees. Except as set forth in Schedule 8.1, on the Closing Date Purchaser shall offer employment to each E/M employee. Purchaser agrees that with respect to each E/M employee who accepts employment with Purchaser that prior service with Seller will be counted for purposes of eligibility, vesting and benefit accrual under Purchaser's 401(k) Plan and Purchaser's Pension Plan, provided that the accrued benefits for each employee under Purchaser's Pension Plan shall be offset by his or her accrued benefit under the Retirement Plan for Certain Employees of Great Lakes Chemical Corporation. The parties hereto agree that nothing in this Section 8.1 shall impose any duty or obligation whatsoever on E/M, Great Lakes or any plan of either.

SECTION 8.2 Full Access. On and after the Closing Date, representatives of E/M and Great Lakes shall have, upon reasonable notice, and for reasonable business purposes, full access at all reasonable times during normal business hours to all premises, senior management and employees, books, records, contracts, and documents of Purchaser relating to the Business, Assets, environmental matters, the lawsuits referenced in Schedule 5.8, or any other liability or obligation which is not an Assumed Obligation provided, however that the representatives of E/M and Great Lakes shall comply with all security procedures and requirements of Purchaser with respect to such premises, books, records, contracts, Tax matters, and documents, and that any such activities shall be conducted in a manner that does not unreasonably interfere with Purchaser's operations. In addition, the environmental consultant referenced in Section 4.1(d) above shall have access on and after Closing to the Facilities sufficient to permit timely completion of the activities contemplated in said Section.

SECTION 8.3 Closing Net Assets Worksheet. Purchaser will prepare the Closing Net Assets Worksheet consistently with the principles and accounts used by E/M in preparing the Pre-Closing Net Assets Worksheet.

SECTION 8.4 Accounts Receivable. Purchaser will use all reasonable efforts to collect, or otherwise resolve consistently with E/M's historical practice, all accounts receivable assigned or otherwise conveyed to Purchaser hereunder by E/M. For such accounts receivable which Purchaser is unable to collect or otherwise so resolve within 180 days of the invoice date, Purchaser shall charge the face amount (exclusive of interest or other late charges) against the accrual for bad debts appearing on the September 30, 1996 balance sheet of E/M. If and when the full amount of such accrual has been exhausted through such charges, Purchaser shall (subject to the last sentence of this Section 8.5) have the right to give written notice to E/M demanding that E/M pay to Purchaser the face amount (exclusive of interest or other late charges) of all such invoices remaining after said accrual for bad debts has been exhausted. Upon payment of said remaining amount by E/M, Purchaser shall assign or otherwise convey the ownership and collection rights to said accounts receivable back to E/M. Purchaser shall have no right to make any such demand more than 210 days after the Closing Date.

SECTION 8.5 Obsolete Inventory. Purchaser will, consistent with E/M's historical practice and product demand, use all reasonable efforts to sell or use all finished products or raw materials included in the Assets within 270 days of the Closing. For those finished products or raw materials that are not sold or used within said 270 day period, Purchaser shall have the right to give written notice to E/M demanding that E/M pay to Purchaser the book value of such products as of the Closing Date. For those finished products or raw materials which Purchaser recertifies within said 270 day period, Purchaser shall have the right to give written notice to E/M demanding that E/M pay to Purchaser the lesser of (i) the actual out-of-pocket cost to Purchaser to recertify such products or raw materials, or (ii) the book value of such products or raw materials as of the Closing Date. Purchaser shall have no right to make any such demand more than 300 days after the Closing Date.

SECTION 8.6 Closing of E/M's Books. Without prejudice to Purchaser's right to make any necessary corrections in the Closing Net Assets Worksheet, by December 10, 1996 Purchaser shall close the books of E/M as of the Closing Date and shall supply E/M with a copy of the Closing documents.

SECTION 8.7 Petty Cash. Within fifteen (15) days of the Closing date, Purchaser will reimburse E/M for the total amount of petty cash received by Purchaser pursuant to Section 2.1(l) above on the Closing Date.

ARTICLE IX

E/M'S CONDITIONS PRECEDENT TO CLOSING

E/M's obligation to enter into and complete the Closing is subject to the fulfillment on or prior to the Closing Date of each of the following conditions. E/M may waive any or all of these conditions, in whole or in part, at E/M's sole option.

SECTION 9.1 Representations, Warranties and Covenants. The representations and warranties of Purchaser contained in this Agreement shall be true and correct in all material respects as of the Closing Date. Purchaser shall have performed and complied in all material respects with

all covenants and agreements required by this Agreement to be performed or complied with by Purchaser on or prior to the Closing Date. Purchaser shall have delivered to E/M a certificate, in form reasonably satisfactory to E/M, dated as of the Closing Date and signed by a duly authorized officer of Purchaser, to the foregoing effect.

SECTION 9.2 Consents. All governmental and third party consents, approvals and waivers, if any, required for the consummation of the Acquisition shall have been received.

SECTION 9.3 Corporate Action. E/M shall have received: (a) a copy of the resolution or resolutions duly adopted by the Board or Directors of Purchaser authorizing the execution, delivery and performance of this Agreement and the IP Agreement by Purchaser, certified by its Secretary, (b) a certificate of the Secretary of Purchaser in form reasonably satisfactory to E/M certifying the incumbency and signature of the officer of Purchaser executing the Agreement and the IP Agreement and stating that the foregoing resolution(s) remains in effect and unaltered, (c) a copy of the resolution or resolutions duly adopted by the Board of Directors of The Morgan Crucible Company plc, the ultimate parent company of Purchaser approving the execution, delivery and performance by Purchaser of this Agreement and the IP Agreement, certified by its Secretary, and (d) a copy of the resolution of Morganite Industries, Inc. approving the execution, delivery and performance by Morganite Industries, Inc., as Guarantor, of the Supplemental Agreement.

SECTION 9.4 Board of Directors Approval. The Board of Directors of Great Lakes shall have approved this Agreement, the IP Agreement and the Acquisition.

SECTION 9.5 Supplemental Agreement. Purchaser and Morganite Industries Inc., a Delaware corporation which is a parent of Purchaser, shall have signed the Supplemental Agreement in the form of Exhibit 9.5 and E/M shall have received (a) a copy of the resolutions adopted by the Board of Directors of Morganite Industries, Inc. authorizing the execution, delivery and performance of the Supplemental Agreement, certified by its Secretary, and (b) a certificate of the Secretary of Morganite Industries, Inc., in a form reasonably satisfactory to E/M certifying the incumbency and signature of the officer of Morganite Industries, Inc. executing the Supplemental Agreement and stating the foregoing resolutions remain in effect. .

SECTION 9.6 Regulatory Approvals.

(a) E/M and Purchaser shall have filed all reports and satisfied all requests for additional information pursuant to the HSR Act, and all applicable waiting periods shall have expired or been terminated.

(b) A written notification describing the transactions contemplated by this Agreement shall have been filed with the Committee on Foreign Investment in the United States ("CFIUS") pursuant to Section 721 of the Defense Production Act of 1950, as amended by Section 5021 of the Omnibus Trade and Competitiveness Act of 1988 and the Defense Production Act Extension and Amendments of 1991 ("Section 721"), and (x) confirmation shall have been received that no investigation with respect to the transactions contemplated by this Agreement shall have been commenced thereunder, (y) CFIUS shall have received such notification and neither E/M nor

Purchaser shall have been notified of any such pending investigation, or (z) upon completion of such investigation, if any, the President of the United States shall not have taken action to suspend or prohibit, within the time prescribed in Section 721, consummation of the transactions contemplated by this Agreement in accordance with the terms hereof.

ARTICLE X

PURCHASER'S CONDITIONS PRECEDENT TO CLOSING

Purchaser's obligation to enter into and complete the Closing is subject to the fulfillment on or prior to the Closing Date of each of the following conditions. Purchaser may waive any or all of these conditions, in whole or in part, at Purchaser's sole option.

SECTION 10.1 Representations, Warranties and Covenants. The representations and Warranties of E/M contained in this Agreement shall be true and correct in all material respects as of the Closing Date. E/M shall have performed and complied in all material respects with all covenants and agreements required by this Agreement to be performed or complied with by E/M on or prior to the Closing Date. E/M shall have delivered to Purchaser a certificate in form reasonably satisfactory to Purchaser, dated as of the Closing Date and signed by a duly authorized officer of E/M, to the foregoing effect.

SECTION 10.2 Consents. All governmental and third party consents, approvals and waivers, if any, required for the consummation of the Acquisition shall have been received, including subleases, assignments, landlord's consents or equivalent arrangements in form and substance acceptable to Purchaser with respect to any lease affecting each of the Leased Properties.

SECTION 10.3 Corporate Action. Purchaser shall have received: (a) a copy of the resolution or resolutions duly adopted by the Board of Directors of E/M authorizing the execution, delivery and performance of this Agreement and the IP Agreement by E/M, certified by its Secretary; (b) a certificate of the Secretary of E/M in form reasonably satisfactory to Purchaser certifying the incumbency and signature of the officer of E/M executing the Agreement and the IP Agreement and stating that the foregoing resolution(s) remains in effect and unaltered; and (c) a copy of the resolution or resolutions duly adopted by the Board of Directors of Great Lakes authorizing the execution, delivery and performance by E/M of this Agreement and the IP Agreement, certified by its Secretary.

SECTION 10.4 Transfer Documents. E/M shall have executed and delivered to Purchaser on the Closing Date the items specified in Exhibits 2.8(i), 2.8(ii) and 2.8(iii).

SECTION 10.5 Supplemental Agreement. Great Lakes shall have signed the Supplemental Agreement in the form of Exhibit 9.5, as well as each of the documents contemplated thereby, and Purchaser shall have received (a) a copy of the resolution newly adopted by the Board of Directors of Great Lakes authorizing the execution, delivery and performance of the Supplemental

Agreement, certified by its Secretary and (b) the certificate of the Secretary of Great Lakes in a form reasonably satisfactory to Purchaser certifying the incumbency and signature of the officer of Great Lakes executing the Supplemental Agreement and stating that the foregoing resolutions remains in effect.

SECTION 10.6 Title Insurance/Surveys. Purchaser shall have received:

(a) with respect to the Real Property a commitment of title insurance (the "Policy"), in form reasonably acceptable to Purchaser, at standard rates, together with copies of all documents affecting title; and

(b) a survey of the Real Property certified to Purchaser and the title insurance company issuing the Policy in a manner reasonably acceptable to Purchaser and such title company.

SECTION 10.7. Board of Directors Approval. The Board of Directors of Morgan shall have approved this Agreement, the IP Agreement and the Acquisition.

SECTION 10.8 Employment Agreements. Purchaser shall have entered into an employment agreement with each employee of E/M with whom Purchaser desires such an agreement.

ARTICLE XI

ACTIONS TO BE TAKEN AT CLOSING

SECTION 11.1 Actions to be Taken by E/M at the Closing. E/M shall deliver the items specified for delivery by E/M in Article X and its subparts above, unless said delivery has been waived by Purchaser.

SECTION 11.2 Action to be Taken by Purchaser at the Closing. Purchaser will take the following actions at the Closing:

(a) Purchaser shall deliver the item specified for delivery by Purchaser in Article IX and its subparts above, unless said delivery has been waived by E/M.

(b) Purchaser shall pay funds specified for payment at Closing in Section 2.3 above.

ARTICLE XII

MISCELLANEOUS

SECTION 12.1 Publicity. E/M and Purchaser shall consult in advance on the form, timing and contents of any publicity, announcement or disclosure with respect to the Acquisition,

whether to the financial community, governmental authorities, the public generally or otherwise. On or after the Closing Date, E/M and Purchaser shall issue a joint press release announcing the change in ownership of the Assets.

SECTION 12.2 Notices. Any notice or other communication required or permitted hereunder shall be in writing and shall be addressed as follows and delivered personally, sent by facsimile transmission or sent by certified, registered or express mail, postage prepaid, or by a nationally recognized overnight courier service marked for overnight delivery. Any such notice shall be deemed received when so delivered personally; or when sent by facsimile transmission (with immediate confirmation thereafter); or, if mailed, upon receipt as confirmed by written receipt; or, if sent by overnight courier marked for overnight delivery, upon receipt.

If to Purchaser to:

MCP Acquisition Corporation
4000 Westchase Boulevard
Suite 170
Raleigh, North Carolina 27607
Attention: Sherrill S. Speers, President
(919) 821-5154 (Fax)

with a copy to:

Winthrop, Stimson, Putnam & Roberts
One Battery Park Plaza
New York, New York 10004
Attention: Jerry P. Peppers, Esq.
(212) 858-1500 (Fax)

If to E/M to:

Great Lakes Chemical Corporation
One Great Lakes Blvd.
P.O. Box 2200
West Lafayette, IN 47906
Attention: David A. Hall
Senior Vice President
317-463-2849 (Fax)

with a copy to:

Great Lakes Chemical Corporation
One Great Lakes Blvd.
P.O. Box 2200
West Lafayette, IN 47906
Attention: Bruce McSpadden
Assistant General Counsel
317-497-6660 (Fax)

Any of the entities referred to above may, by notice given in accordance with this Section 12.2 to the other entities, designate another address or person for receipt of notices hereunder.

SECTION 12.3 Assignment. This Agreement shall be binding upon and shall inure to the benefit of, the parties hereto and their respective successors and permitted assigns. This Agreement and the Supplemental Agreement may not be assigned or transferred in whole or in part by either party hereto without the prior written consent of the other party, and any attempt to assign or transfer this Agreement or any part of either in violation of this Section 12.3 shall be void and of no effect.

SECTION 12.4 Expenses. Each of the parties hereto shall be responsible for and shall pay all of its own expenses incurred in connection with this Agreement and the transactions contemplated herein, including without limitation all legal fees and other expenses incident to the negotiation and preparation of this Agreement.

SECTION 12.5 Controlling Law. The rights and duties of Purchaser and E/M under this Agreement shall be governed by the law of New York, provided that the parties acknowledge that New York is not a convenient or appropriate jurisdiction within which to litigate or otherwise resolve any dispute which may arise between them, and the parties agree that neither they nor their affiliates will commence a suit against the other or its affiliates with respect to this Agreement in any state or federal court in New York.

SECTION 12.6 Entire Agreement. This Agreement, the IP Agreement, the exhibits and schedules hereto and thereto, the side letter signed by the parties and dated November 12, 1996, and the side letter signed by Great Lakes and Purchaser and dated November 12, 1996 constitute the entire Agreement and understanding of the parties relating to the subject matter hereof, and shall supersede all prior and contemporaneous agreements and understandings, representations and warranties, whether oral or written, relating to the subject matter hereof, including without limitation the letter of intent dated July 20, 1996 attached as Exhibit 12.6.

SECTION 12.7 Modification; Waiver. This Agreement, including the exhibits and schedules, may not be changed in whole or in part except in a writing executed by a duly authorized officer of each party. No delay or failure on the part of any party in exercising any right hereunder shall constitute a waiver of such right or of any other right hereunder.

SECTION 12.8 Headings. All headings in this Agreement, including the exhibits and schedules, have been inserted for convenience only and shall not affect the interpretation of any provision hereof.

SECTION 12.9 Mutual Negotiations. This Agreement, including the exhibits and schedules, has been arrived at through the mutual negotiation of the parties. Accordingly, no provision shall be construed against one party or in favor of another party merely because one party or the other drafted said provision.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on the day and year first set forth above.

E/M CORPORATION

By: Lowell C. Horwedel
Lowell C. Horwedel
President

MCP ACQUISITION CORPORATION

By: Sherrill S. Speers
Sherrill S. Speers
President

ASSET PURCHASE AGREEMENT

by and among

MORGAN CHEMICAL PRODUCTS, INC.

AS SELLER,

METAL IMPROVEMENT COMPANY, INC

AS BUYER,

and

THE MORGAN CRUCIBLE COMPANY plc
(with respect to Article 12 only)

Dated March 19, 2003

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TABLE OF CONTENTS

	<u>Page</u>
ARTICLE 1	DEFINITIONS.....1
1.1	Defined Terms.1
ARTICLE 2	ASSETS ACQUIRED; LIABILITIES ASSUMED7
2.1	Purchase and Sale of Assets.....7
2.2	Excluded Assets.....8
2.3	Assumed Liabilities.9
2.4	Excluded Liabilities.10
ARTICLE 3	PURCHASE PRICE10
3.1	Purchase Price.....10
3.2	Delivery of the Purchase Price at Closing.....10
3.3	Final Calculation of the Cash Consideration.....11
3.4	Transfer Taxes.12
3.5	Proration.....12
3.6	Allocation of Purchase Price.....12
ARTICLE 4	CLOSING12
4.1	Closing Date.....12
4.2	Closing Date Deliveries.....13
4.3	Further Assurances.....13
ARTICLE 5	REPRESENTATIONS AND WARRANTIES OF THE SELLER.....13
5.1	Organization and Standing.....13
5.2	Authority Relative to this Agreement.....13
5.3	Enforceability; Conflicts; Required Consents.....13
5.4	Government Authorizations; Compliance with Laws.....14
5.5	Taxes.....14
5.6	Personal Property.....14
5.7	Real Property.....15
5.8	Contracts.....16
5.9	Environmental Matters.....18
5.10	Intellectual Property.....19
5.11	Financial Statements.....20
5.12	Absence of Certain Changes.....20
5.13	Litigation.....21
5.14	Receivables.....21
5.15	Inventory.....21
5.16	Broker's Fees.....22
5.17	Sufficiency of the Assets.....22
5.18	Labor Matters.....22

5.19	Employee Benefit Matters.	22
5.20	Significant Customers and Suppliers.	23
5.21	Disclaimer.	23
5.22	Books and Records.	24
5.23	No Material Adverse Effect.	24
5.24	Relationships with Related Persons.	24
5.25	Solvency.	24
5.26	Disclosure.	25
ARTICLE 6	REPRESENTATIONS AND WARRANTIES OF THE BUYER.	25
6.1	Corporate Status.	25
6.2	Corporate Power and Authority.	25
6.3	Enforceability; Conflicts.	25
6.4	Availability of Funds.	26
6.5	Broker's Fees.	26
ARTICLE 7	CERTAIN COVENANTS.	26
7.1	Access to Books and Records and Personnel.	26
7.2	Post-Closing Access.	27
7.3	Notice of Certain Events.	27
7.4	Conduct of Business by the Seller.	27
7.5	Transfer of Purchased Contracts; Third Party Consents.	28
7.6	Employee Matters.	29
7.7	Publicity.	29
7.8	Additional Agreements.	30
7.9	Discontinuance of Retained Names.	30
7.10	No Other Discussions.	30
7.11	Waiver of Bulk Sales Law Compliance.	30
7.12	Removing Excluded Assets and Obsolete and Below-Quality Inventory.	31
7.13	Reports And Returns.	31
7.14	Assistance In Proceedings.	31
7.15	Noncompetition and Nonsolicitation.	31
7.16	CW Guaranty.	33
7.17	Morganite Guaranty.	33
7.18	Equipment.	33
7.19	Removal of Guarantees.	34
ARTICLE 8	TERMINATION.	36
8.1	Termination of Agreement.	36
8.2	Effect of Termination.	36
ARTICLE 9	CLOSING CONDITIONS OF THE BUYER.	37
9.1	Representations, Warranties and Covenants of the Seller.	37
9.2	No Injunction, Etc.	37
9.3	The Seller's Deliveries.	37

1004 6 5

9.4	Morganite Guaranty.....	38
9.5	Material Adverse Change.	38
9.6	Permits.	38
ARTICLE 10	CLOSING CONDITIONS OF THE SELLER	38
10.1	Representations, Warranties and Covenants of the Buyer.....	38
10.2	No Injunction, Etc.	38
10.3	The Buyer's Deliveries.	38
10.4	CW Guaranty.	39
ARTICLE 11	INDEMNIFICATION.....	39
11.1	Indemnification by the Seller.....	39
11.2	Indemnification by the Buyer.	39
11.3	Limitations on Indemnification.....	39
11.4	Procedures.....	40
11.5	Subrogation.	41
ARTICLE 12	REPRESENTATIONS, WARRANTIES AND COVENANTS OF PARENT.....	41
12.1	Representations and Warranties.....	41
ARTICLE 13	OTHER PROVISIONS.....	42
13.1	Expenses.	42
13.2	Benefit and Assignment.....	42
13.3	Entire Agreement.	42
13.4	Headings.	42
13.5	Governing Law.	42
13.6	Interpretation.....	42
13.7	Notices.	42
13.8	Counterparts.....	44
13.9	Severability.	44
13.10	Waiver.....	44
13.11	Exhibits and Schedules.	44
13.12	Arbitration.....	44

[Handwritten signatures]

LIST OF SCHEDULES AND EXHIBITS

Schedule 2.1.1	Purchased Personal Property
Schedule 2.1.2	Purchased Contracts
Schedule 2.2.1	Excluded Assets
Schedule 2.2.8	Software Licenses and Equipment Leases
Schedule 2.3.6	Assumed Liabilities
Schedule 3.1.2	Deviations from GAAP
Schedule 5.3	Conflicts; Required Consents
Schedule 5.4.1(a)	Material Permits
Schedule 5.4.1(b)	Exceptions to Material Permits
Schedule 5.5	Taxes
Schedule 5.6	Personal Property
Schedule 5.6(a)	Permitted Liens
Schedule 5.6(b)	Right to Receive and Use Assets
Schedule 5.7.4	Flood Zones
Schedule 5.7.5	Condition of Leased Real Property
Schedule 5.7.6	Assessments to Leased Real Property
Schedule 5.7.7	Encroachments on Leased Real Property
Schedule 5.8	Contracts
Schedule 5.8.2	Exceptions to Contracts
Schedule 5.9	Environmental Matters
Schedule 5.10.2	Intellectual Property
Schedule 5.11.1	Financial Statements
Schedule 5.11.2	Liabilities Not Reflected on Financial Statements
Schedule 5.12	Absence of Certain Changes
Schedule 5.13	Litigation
Schedule 5.15	Consigned Equipment
Schedule 5.16	Broker's Fees
Schedule 5.18	Labor Matters
Schedule 5.19	Employee Benefit Matters
Schedule 5.20	Significant Customers and Suppliers
Schedule 5.24	Relationships with Related Persons
Schedule 7.18	Oxidizer Equipment
Schedule 9.3.4	Required Third Party Consents
Schedule 9.3.5	Required State Tax Clearances
Schedule 12.1.1	Morganite Balance Sheet
Exhibit A	Assumption Agreement
Exhibit B	License Agreements
Exhibit C	Supply Agreement
Exhibit D	Transition Services Agreement
Exhibit E	Bill of Sale and Assignment

ASSET PURCHASE AGREEMENT

This ASSET PURCHASE AGREEMENT (this "Agreement") is made and entered into as of this 19th day of March, 2003, by and between Metal Improvement Company, Inc., a Delaware corporation (the "Buyer"), and Morgan Chemical Products, Inc., a New Jersey corporation (the "Seller").

WHEREAS, the Seller is, among other things, engaged in the business of applying engineered soft coatings to customer-supplied parts and products at facilities located in Shelby Township, Michigan, Lombard, Illinois, New Brighton, Minnesota, North Hollywood, California, New Britain, Connecticut (the "New Britain Facility"), and Chatsworth, California (collectively, the "Facilities"; such business as conducted at the Facilities, the "Business"); and

WHEREAS, the Seller desires to sell and transfer to the Buyer, and the Buyer desires to purchase and acquire from the Seller, certain assets and liabilities related to the Business, on the terms and conditions set forth in this Agreement;

NOW, THEREFORE, in consideration of the mutual representations, warranties, covenants and agreements contained herein, and upon the terms and subject to the conditions hereinafter set forth, the parties hereby agree as follows:

ARTICLE 1

DEFINITIONS

1.1 Defined Terms.

3.1.2. 1.1.1 "Accounting Procedures" shall have the meaning set forth in Section

7.8.2. 1.1.2 "Additional Agreements" shall have the meaning set forth in Section

1.1.3 "Affiliate" shall have the meaning set forth in Section 7.15.1(e).

1.1.4 "Agreement" shall have the meaning set forth in the preamble of this Agreement.

1.1.5 "Assets" shall have the meaning set forth in Section 2.1.

1.1.6 "Assumed Liabilities" shall have the meaning set forth in Section 2.3.

1.1.7 "Benefit Plan" shall have the meaning set forth in Section 5.19.1.

1.1.8 "Business" shall have the meaning set forth in the recitals of this Agreement.



1.1.9 "Business Day" shall mean any day, other than a Saturday, Sunday or a day on which banks located in Atlanta, Georgia or Lyndhurst, New Jersey shall be authorized or required by law to close.

1.1.10 "Buyer" shall have the meaning set forth in the preamble of this Agreement.

1.1.11 "Buyer Indemnitees" shall have the meaning set forth in Section 11.1.

1.1.12 "California Lease" shall mean that certain Standard Industrial/ Commercial Single-Tenant Lease, dated as of May 2, 1997, by and between Kenneth Nebel and the Seller.

1.1.13 "Cash Consideration" shall have the meaning set forth in Section 3.1.1.

1.1.14 "Chosen Firm" shall have the meaning set forth in Section 3.3.1.

1.1.15 "Closing" shall have the meaning set forth in Section 4.1.

1.1.16 "Closing Balance Sheet" shall have the meaning set forth in Section 3.3.1.

1.1.17 "Closing Date" shall have the meaning set forth in Section 4.1.

1.1.18 "Code" shall mean the Internal Revenue Code of 1986, as amended.

1.1.19 "Competing Business" shall have the meaning set forth in Section 5.24.

1.1.20 "Confidentiality Agreement" shall mean that certain confidentiality agreement between the Buyer and W. Y. Campbell & Company, as agent for the Seller, dated July 31, 2002.


1.1.21 "Connecticut Lease" shall mean that certain Amended and Restated Lease, dated as of August 1, 1998, by and between Creed-Monarch, Inc. and the Seller.

1.1.22 "Contemplated Transactions" shall have the meaning set forth in Section 5.3.

1.1.23 "Contract" shall mean any contract, lease, license, franchise, commitment, option, binding commitment or other agreement or instrument of any nature, oral or written, to which the Seller is a party, relating exclusively to the Business.

1.1.24 "Customer Requirements Documents" shall mean those specification documents, which are maintained at the Facilities, issued by applications customers that outline the customer's requirements and standards which the Seller, as the applications provider, must satisfy.

1.1.25 "CW" shall mean Curtiss-Wright Corporation, a Delaware corporation and the ultimate parent of the Buyer.



1.1.26 "CW Guaranty" shall have the meaning set forth in **Section 7.16**.

1.1.27 "EMCS" shall mean those documents, which are generated and maintained locally at the Facilities, that provide general applications information regarding a given market and/or customer, and function as a process quality control document.

1.1.28 "EMPS" shall mean those documents, which are maintained at the Facilities, that are not customer specific but deal with general parameters, for instance how a given coating should be applied to a particular type of material in light of the equipment and capabilities at a particular applications plant.

1.1.29 "Environmental Laws" shall mean, all applicable Laws, Permits, or other binding determinations of any Governmental Authority relating to, imposing liability under standards concerning, or otherwise addressing the environment, including, but not limited to, the Comprehensive Environmental Response, Compensation and Liability Act, the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, the Emergency Plan and Community Right to Know Act of 1986, the Clean Air Act, the Clean Water Act, the Toxic Substances Control Act, the Hazardous Materials Transportation Act, the Federal Insecticide, Fungicide and Rodenticide Act, the Federal Safe Drinking Water Act, the Federal Radon and Indoor Air Quality Research Act, and the Occupational Safety and Health Act, as all such laws or acts have been amended.

1.1.30 "ERISA" shall mean the Employee Retirement Income Security Act of 1974, as amended.

1.1.31 "Excluded Assets" shall have the meaning set forth in **Section 2.2**.

1.1.32 "Excluded Liabilities" shall have the meaning set forth in **Section 2.4**.

1.1.33 "Facilities" shall have the meaning set forth in the recitals of this Agreement.

1.1.34 "Final Adjustment Amount" shall have the meaning set forth in **Section 3.3.1**.

1.1.35 "Financial Statements" shall have the meaning set forth in **Section 5.11.1**.

1.1.36 "GAAP" shall mean United Kingdom generally accepted accounting principles, consistently applied.

1.1.37 "Governmental Authority" shall mean any federal, state, or local governmental, administrative or regulatory authority, agency, commission, tribunal, court or other body.

1.1.38 "Hazardous Substance" shall mean any substance: (i) the presence of which requires investigation or remediation under any Environmental Law; (ii) which is defined as a "pollutant," "hazardous waste" or "hazardous substance" under any Environmental Law; (iii) that is toxic, explosive, corrosive, flammable, infectious, radioactive, carcinogenic or

mutagenic or otherwise hazardous and is regulated by any Governmental Authority having or asserting jurisdiction over the Business; or (iv) including gasoline, diesel fuel or other petroleum hydrocarbons, polychlorinated biphenols (PCBs) or asbestos.

1.1.39 "Indemnified Party" shall have the meaning set forth in **Section 11.4.1**.

1.1.40 "Indemnifying Party" shall have the meaning set forth in **Section 11.4.1**.

1.1.41 "Inventory" shall mean all inventories, including, without limitation, inventories of merchandise, raw materials, work-in-process, supplies and finished goods, owned by the Seller and held exclusively for use in the Business.

1.1.42 "IRS" shall mean the United States Internal Revenue Service.

1.1.43 "Job Travelers" shall mean those documents, which are generated and maintained at the Facilities, that describe specific steps and processes to be performed on a customer part when it arrives at a Facility, described by customer and by part number.

1.1.44 "knowledge," "knows," or "know" or any similar language shall mean, when referring to the Seller, the actual knowledge of Maurice W. Murphy, Carol S. Berg, William W. Faucett, R. Michael Wentzel, Rebekah Thomas and Charles Beall, provided such named individuals shall have made diligent inquiry of the following persons: Derek Needham, Gary Thomas, Mike Steinberg, Bill Manginelli, Tim Peterson, Ray Santos and Jason Bergquist.

1.1.45 "Law" or "Laws" shall mean all laws, statutes, codes, regulations, rules, ordinances or other legal requirements of any Governmental Authority.

1.1.46 "Leased Real Property" shall mean all leasehold and similar interests in real property leased from third parties by the Seller exclusively for use in the Business, and all of the Seller's right, title and interest in and to all buildings and improvements thereon, together with all easements, rights of way, licenses and other interests of the Seller therein.

1.1.47 "License Agreements" shall have the meaning set forth in **Section 7.8.1**.

1.1.48 "Liens" shall mean any mortgage, deed of trust, title defect, lien or objection, pledge, security interest, hypothecation, restriction, covenant, easement, right-of-way, encumbrance, claims or charge of any kind or nature whatsoever.

1.1.49 "Losses" shall mean any judgments, awards, costs, losses, damages, liabilities and expenses (including, without limitation, amounts paid in settlement), net of any tax or other benefit derived and insurance or other proceeds received by the party incurring such Loss as a result thereof, and not including any incidental, special, consequential or punitive damages; *provided, however*, that this exclusion shall not be construed to exclude from the definition of "Losses" money damages, howsoever characterized, recovered by any non-affiliated third party in a claim against any Buyer Indemnitee or Seller Indemnitee, to the extent such claim is otherwise subject to indemnification under this Agreement.

1.1.50 "Material Adverse Effect" shall mean any change, effect, event or occurrence that either individually, or in the aggregate with all other related changes, effects, events or occurrences (i) is or would reasonably be expected to be materially adverse to the properties, assets, financial condition or results of operations of the Business as a whole, or (ii) would materially impair the ability of the Seller or the Buyer to consummate the transactions contemplated by this Agreement.

1.1.51 "Material Contracts" shall have the meaning set forth in Section 5.8.1.

1.1.52 "Material Permits" shall have the meaning set forth in Section 5.4.1.

1.1.53 "Minnesota Lease" shall mean that certain Lease Agreement, dated as of February 1, 2000, by and between IRET Properties and the Seller.

1.1.54 "Morganite" shall mean Morganite Industries, Inc., a Delaware corporation, and the ultimate North American parent corporation of the Seller.

1.1.55 "Morganite Guaranty" shall have the meaning set forth in Section 7.17.

1.1.56 "Morganite Lease Guaranties" shall mean that certain Guaranty dated August 1, 1998, executed by Morganite related to the Connecticut Lease, that certain Guaranty dated May 7, 1997, executed by Morganite related to the California Lease, and that certain Guaranty dated February 1, 2000, executed by Morganite NA (as the predecessor in interest to Morganite) related to the Minnesota Lease.

1.1.57 "Order" shall mean any decree, order, judgment, writ, award, injunction, rule or consent of or by a Governmental Authority.

1.1.58 "Ordinary Course Contract" shall mean any Contract entered into by the Seller in the Ordinary Course of Business; *provided that* such Contract (i) does not provide for the furnishing of remaining consideration by or to the Seller having a fair value in excess of \$50,000 or (ii) is terminable by the Seller on not more than sixty (60) days' notice without penalty.

1.1.59 "Ordinary Course of Business" shall mean the conduct of the Business as heretofore conducted in the ordinary course by the Seller in accordance with past custom and practice.

1.1.60 "Parent" shall mean The Morgan Crucible Company plc, an English public limited company.

1.1.61 "Permits" shall mean all licenses, permits, certificates, consents or other authorizations from, of or with any Governmental Authority which relate primarily to the Business.

1.1.62 "Permitted Liens" shall mean (i) Liens for Taxes or governmental assessments, charges or claims the payment of which is not yet due, or for Taxes the validity of which is being contested in good faith by appropriate proceedings, provided such reserve or

other appropriate provision, if any, as shall be required by GAAP shall have been made therefor; (ii) statutory Liens of landlords, carriers, warehousemen, mechanics, materialmen and other similar Persons and other Liens imposed by applicable Law incurred in the Ordinary Course of Business for sums not yet delinquent or being contested in good faith, provided such reserve or other appropriate provision, if any, as shall be required by GAAP shall have been made therefor; (iii) Liens relating to deposits made in the Ordinary Course of Business in connection with workers' compensation, unemployment insurance and other types of social security and (iv) zoning restrictions, easements, licenses, rights of way, declarations, reservations, provisions, covenants, conditions, waivers, restrictions on the use of property or other title matters (and with respect to leasehold interests, mortgages, obligations, Liens and other encumbrances incurred, created, assumed or permitted to exist and arising by, through or under a landlord or owner of the leased property, with or without consent of the lessee) which, individually or in the aggregate, do not materially restrict the use of the relevant property in the Business consistent with past practice.

1.1.63 "Person" means any individual, corporation, partnership, limited partnership, limited liability company, joint venture, trust, bank, unincorporated organization or Governmental Authority or any department, agency or political subdivision thereof.

1.1.64 "Proceeding" shall have the meaning set forth in Section 5.13.

1.1.65 "Purchased Contracts" shall have the meaning set forth in Section 2.1.2.

2.1.1.

1.1.66 "Purchased Personal Property" shall have the meaning set forth in Section

1.1.67 "Purchased Records" shall have the meaning set forth in Section 2.1.3.

1.1.68 "Purchase Price" shall have the meaning set forth in Section 3.1.1.

1.1.69 "Real Property Lease" shall have the meaning set forth in Section 5.7.1.

1.1.70 "Receivables" shall have the meaning set forth in Section 2.1.11.

1.1.71 "Seller" shall have the meaning set forth in the preamble of this Agreement.

1.1.72 "Seller Indemnitees" shall have the meaning set forth in Section 11.2.

1.1.73 "Supply Agreement" shall have the meaning set forth in Section 7.8.2.

1.1.74 "Tax" or "Taxes" shall mean taxes of any kind, levies or other like assessments, customs, duties, imposts, charges or fees, including, without limitation, income, gross receipts, ad valorem, value added, excise, real or personal property, asset, sales, use, amusement, admission, license, payroll, transaction, capital, net worth and franchise, estimated taxes, withholding, employment, social security, workers compensation, utility, severance, production, unemployment compensation, occupation, premium, windfall profits, transfer and gains taxes, Michigan Single Business tax or other governmental taxes imposed or payable to the

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United States, or any state, county, local or foreign government or subdivision or agency thereof, and in each instance, such term shall include any interest, penalties or additions to tax attributable to any such Tax.

1.1.75 "Tax Return" shall mean any return, report, information statement, or other documentation (including any additional or supporting material) filed, or required to be filed, with respect to any Tax.

1.1.76 "Transferred Intellectual Property" shall mean the Customer Requirements Documents, the EMCSSs, the EMPSSs and the Job Travelers located at each of the Facilities, collectively.

1.1.77 "Transition Services Agreement" shall have the meaning set forth in Section 7.8.2.

1.1.78 "Working Capital Adjustment" shall have the meaning set forth in Section 3.1.2.

ARTICLE 2

ASSETS ACQUIRED; LIABILITIES ASSUMED

2.1 Purchase and Sale of Assets. Subject to the terms and conditions set forth in this Agreement, at the Closing the Seller shall sell, transfer, convey, assign and deliver to the Buyer, and the Buyer shall purchase and acquire from the Seller, all of the Seller's right, title and interest in and to the Assets, free and clear of all liabilities, obligations and Liens, other than Permitted Liens. For purposes of this Agreement, the term "Assets" shall mean all of the Seller's tangible assets located at the Facilities and all other assets, properties, rights, interests and estates of every nature, kind and description, whether tangible or intangible, real, personal or mixed, wherever located, and which are exclusively used or held for use in the Business, excepting only the Excluded Assets. The Assets shall include, but not be limited to, all of the Seller's right, title and interest in, under and to the following:

2.1.1 all furniture, fixtures, machinery, equipment, materials, vehicles, computer hardware, office equipment and other tangible assets which are located at any Facility or are exclusively used or held for use in the operation of the Business, whether owned or leased (the "Purchased Personal Property"), including, without limitation, those items set forth on Schedule 2.1.1;

2.1.2 (i) all Contracts including those listed on Schedule 2.1.2 (including the Real Estate Leases), (ii) all Ordinary Course Contracts and (iii) each Contract entered into by the Seller between the date hereof and the Closing Date in accordance with Section 7.5 hereof (collectively, the "Purchased Contracts");

2.1.3 all operating data, files, general records, receipts, customer lists, correspondence and other written records of the Seller to the extent located at any Facility or directly and solely relating to the Business or the Assets (the "Purchased Records");

2.1.4 all goodwill associated with the Business (other than the goodwill associated with the corporate name and any trade names, trademarks, service names or service marks of the Seller);

2.1.5 all Permits required for the ownership, use and operation of the Assets, or the conduct of the Business, in each case, to the extent legally transferable;

2.1.6 all Inventory;

2.1.7 all rights and claims against third parties arising out of, relating to or in respect of the Business or the other Assets, including, without limitation, all causes of action, rights of recovery and rights of set-off of any kind, all rights under express or implied warranties from suppliers to the Business and all other interests in or claims, rebates, refunds or payments from or against vendors to the Business;

2.1.8 all prepayments and other prepaid expenses relating to the Business to the extent reflected on the Closing Balance Sheet, including, without limitation, any security deposits under the Real Estate Leases; and

2.1.9 the Transferred Intellectual Property.

2.2 Excluded Assets. Notwithstanding anything to the contrary in Section 2.1, the Assets shall not include the following, which shall constitute the "Excluded Assets":

2.2.1 those assets or properties listed on Schedule 2.2.1;

2.2.2 any assets, properties or rights of the Seller, if tangible, not located at the Facilities, or in any case, unrelated to, or not exclusively used or held for use in, the Business;

2.2.3 all cash on hand, cash equivalents, securities and bank or brokerage accounts;

2.2.4 the Seller's minute books, stock records, Tax Returns, supporting work papers, financial statements, company seals and any books and records required to be maintained by the Seller pursuant to applicable Law;

2.2.5 any Permits from any Governmental Authority that are not transferable under applicable Law;

2.2.6 any rights of the Seller under this Agreement, the Additional Agreements, or in respect of the transactions contemplated hereby and thereby;

2.2.7 all of the Seller's business, proprietary or confidential information, and other intangible or intellectual property rights (including rights to software, know-how and trade secrets) other than the Transferred Intellectual Property;

2.2.8 any rights of the Seller under the enterprise software licenses or equipment lease agreements set forth on Schedule 2.2.8, including that certain Lease Agreement with



American Technologies Credit, Inc., dated as of July 18, 1997, as amended, or in any software licensed or equipment held or obtained by the Seller pursuant to any thereof, which equipment, for the avoidance of doubt, is listed on **Schedule 2.2.1**;

2.2.9 any insurance policies or insurance coverage (or assumed coverage) relating to the Assets, including the right to receive all proceeds thereto;

2.2.10 any rights of the Seller in that certain Demand Note dated May 5, 1999 between the Seller and certain of its affiliates;

2.2.11 all accounts, notes, receivables and other rights to receive money, arising out of or relating to the operations of the Business through and including the Closing Date (the "**Receivables**"); and

2.2.12 all assets of the Morgan Chemical Products Executive Pension Plan held in that certain Wachovia Rabbi Trust Account.

2.3 Assumed Liabilities. As further consideration for the purchase and sale of the Assets, at the Closing the Buyer shall assume, and from and after the Closing Date, the Buyer shall perform, discharge and pay as and when due:

2.3.1 all post-Closing performance obligations with respect to the Purchased Contracts;

2.3.2 all post-Closing performance obligations with respect to the Permits transferred to the Buyer hereunder;

2.3.3 all accounts payable arising from the Business to the extent reflected on the Closing Balance Sheet;

2.3.4 all accrued expenses and other accrued liabilities incurred in the Ordinary Course of Business to the extent reflected on the Closing Balance Sheet; and

2.3.5 all obligations and liabilities of the Seller under written warranty agreements (including the Seller's standard terms and conditions of sale) given by the Seller to its customers in the Ordinary Course of Business prior to the Closing, except to the extent such obligations and liabilities require the Buyer to (i) make out-of-pocket expenditures (including any credits given to, or setoffs taken by, any customers of the Business) or (ii) undertake performance obligations other than isolated incidents of repair or replacement that have no material impact on the business or financial performance of the operations at the applicable Facility (performance obligations for such isolated incidents of repair or replacement hereinafter referred to as "Repair Obligations"); and

2.3.6 all obligations and liabilities of the Seller set forth on **Schedule 2.3.6**.

The items listed above in Sections 2.3.1 through 2.3.6 are collectively referred to as the "Assumed Liabilities".

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2.4 Excluded Liabilities. Except to the extent expressly assumed by the Buyer pursuant to Section 2.3, the Buyer shall not assume or be liable for any liabilities or obligations of the Seller (collectively, the "Excluded Liabilities"). The Excluded Liabilities shall include, but not be limited to obligations or liabilities of the Seller:

2.4.1 arising under this Agreement or the Additional Agreements;

2.4.2 for Taxes relating to or arising from the operations of the Business prior to the Closing except for ad valorem Taxes relating to the Assets to the extent prorated in accordance with Section 3.4 and reflected as accrued liabilities on the Closing Balance Sheet;

2.4.3 for fees or expenses incurred in connection with the negotiation, preparation or approval of this Agreement or the Additional Agreements or the sale of the Assets pursuant hereto, including, without limitation, the fees and expenses of the Seller's counsel, independent auditors, brokers, bankers, investment bankers and other advisers;

2.4.4 to the extent pertaining to the Excluded Assets; and

2.4.5 relating to or arising under the Morgan Chemical Products Executive Pension Plan.

ARTICLE 3

PURCHASE PRICE

3.1 Purchase Price.

3.1.1 The aggregate consideration for the Assets (the "Purchase Price") shall be equal to (i) \$16,657,428.70 plus the Working Capital Adjustment (the "Cash Consideration") and (ii) the assumption by the Buyer of the Assumed Liabilities.

3.1.2 As used herein, the "Working Capital Adjustment" shall mean (i) the amount equal to (x) the Assets constituting current assets (including prepaid expenses and Inventory), minus (y) the Assumed Liabilities constituting current liabilities (accounts payable, accrued trade liabilities, and other accruals) as of the Closing, all to the extent the same would be reflected as current assets or current liabilities on a combined balance sheet of the Business as of the Closing prepared in accordance with GAAP (subject, in each case, to such exceptions, variations and procedures as are set forth on Schedule 3.1.2) (GAAP, as so modified, the "Accounting Procedures"), minus (ii) the baseline working capital of \$10,910.70 as previously agreed upon based on the October 31, 2002 pro forma balance sheet attached as Schedule 3.1.2. For the avoidance of doubt, the Working Capital Adjustment may be a positive or negative number.

3.2 Delivery of the Purchase Price at Closing. Subject to the terms and conditions of this Agreement, and in consideration for the sale of the Assets by the Seller to the Buyer, at the Closing the Buyer shall (i) pay to the Seller the Cash Consideration by wire transfer of immediately available funds to an account designated in writing by the Seller to the Buyer, not

FM 4/13

less than three (3) Business Days prior to the Closing Date, and (ii) assume the Assumed Liabilities by executing and delivering to the Seller an instrument of assumption substantially in the form attached hereto as Exhibit A.

3.3 Final Calculation of the Cash Consideration.

3.3.1 Within thirty (30) days after the Closing Date, the Seller will cause to be prepared and delivered to the Buyer a combined balance sheet of the Business as of the Closing, prepared in accordance with the Accounting Procedures (the "Closing Balance Sheet"), together with a written calculation of the Working Capital Adjustment derived therefrom, which shall be binding and conclusive upon the parties unless the Buyer gives written notice of disagreement to the Seller within fifteen (15) days after receipt of the Closing Balance Sheet and such proposed adjustment amount, specifying in reasonable detail the nature and extent of such disagreement. If the Buyer and the Seller mutually agree upon the Working Capital Adjustment within ten (10) days after the Seller's receipt of such notice, such agreement shall be binding upon the parties to this Agreement. If the Buyer and the Seller are unable to resolve any such disagreement within such period, the Buyer or the Seller shall refer the accounting matters remaining in dispute for final determination to the Atlanta, Georgia office of Deloitte & Touche LLP or, if such firm be unwilling or unable to accept such appointment, then such other reputable national independent accounting firm as the Buyer and the Seller may designate by mutual agreement, or failing such agreement, designated by an arbitral panel convened pursuant to **Section 13.12** upon demand of the Buyer or the Seller (the firm so designated, the "Chosen Firm"). The Chosen Firm shall only consider and shall only have authority to resolve those accounting matters specifically referred to it for resolution. The Chosen Firm shall apply the Accounting Procedures and the other provisions of **Section 3.1** and this **Section 3.3** in resolving any dispute pursuant hereto. The parties shall use their reasonable commercial efforts to cause the Chosen Firm to resolve any such disputed accounting matters within thirty (30) days after each referral. The decision of the Chosen Firm as to any accounting matters in dispute shall be in writing and shall be final and binding upon all parties hereto for all purposes. Any disagreements of the parties with respect to any matters of law or the interpretation of this Agreement remain subject to the dispute resolution provisions set forth in **Section 13.12** and the Chosen Firm shall have no authority to decide such matters unless specifically agreed to by the parties hereto, and any dispute as to whether a matter is an accounting matter or a matter of law or interpretation of this Agreement will, unless otherwise agreed by the parties at the time, be resolved pursuant to the dispute resolution procedures set forth in **Section 13.12**. The Working Capital Adjustment as finally determined pursuant to this **Section 3.3** is referred to herein as the "Final Adjustment Amount". The fees and disbursements of the Chosen Firm shall be shared equally by the Buyer and the Seller.

3.3.2 If the Final Adjustment Amount as determined in **Section 3.3.1** is a negative number, the Seller shall pay to the Buyer the Final Adjustment Amount.

3.3.3 If the Final Adjustment Amount as determined in **Section 3.3.1** is a positive number, the Buyer shall pay to the Seller the Final Adjustment Amount.

3.3.4 Notwithstanding any other provision hereof, if, pursuant to **Section 3.3.1**, there is a dispute as to the Final Adjustment Amount, the Seller, on the one hand, or the Buyer,

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on the other, shall promptly pay to the Buyer or the Seller, as appropriate, such net amounts as are not in dispute, pending final determination of any disputed items pursuant to Section 3.3.1.

3.4 Transfer Taxes. All sales, transfer, value-added or similar Taxes imposed on or as a result of the transfer of the Assets as contemplated by this Agreement shall be paid in equal parts by the Seller and the Buyer.

3.5 Proration. Notwithstanding anything herein to the contrary, any Taxes imposed on the Assets and other expense items such as utilities and similar expenses with respect to the Assets that relate to a period beginning before the Closing Date and ending after the Closing Date shall be apportioned as of the Closing such that the Seller shall be liable for (and shall reimburse the Buyer to the extent that the Buyer shall have paid) that portion of such Taxes and other expense items relating to, or arising in respect of, periods through the Closing Date and the Buyer shall be liable for (and shall reimburse the Seller to the extent the Seller shall have paid) that portion of such Taxes and other expense items relating to, or arising in respect to, periods after Closing Date.

3.6 Allocation of Purchase Price. The Buyer and the Seller agree to allocate the total consideration received by the Seller for the transfer of the Assets in accordance with Section 1060 of the Code, which allocation and related IRS Form 8594 shall be prepared by the Buyer, in accordance with an independent appraisal performed by a qualified professional appraiser selected by Buyer, within thirty (30) days after the determination of the Final Adjustment Amount. If the Seller disputes the allocation, the Buyer and the Seller shall cooperate in good faith to resolve any dispute. Should the parties fail to reach an agreement within thirty (30) days after the Buyer's delivery of such allocation to the Seller, the determination of the allocation shall be made by Deloitte & Touche LLP, whose decision shall be final. Each party hereto further agrees that said party shall not file any Tax Return (or treat any item or items thereon) nor make any other statement or submission to the IRS (including without limitation IRS Form 8594), any comparable state agency, or any other Governmental Authority, which Tax Return, item, statement or submission is inconsistent in whole or in part with such treatment and allocation.

ARTICLE 4

CLOSING

4.1 Closing Date. The consummation of the transactions contemplated by this Agreement (the "Closing") shall take place at the offices of Kilpatrick Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, Georgia, on March 31, 2003, or, if later, five (5) Business Days after the satisfaction or waiver of the closing conditions set forth in Articles 9 and 10 (other than those conditions that by their nature are to be satisfied at the Closing), or at such other time and place as the Buyer and the Seller may agree. The actual date of the Closing is herein referred to as the "Closing Date". The Closing will be deemed effective for all purposes as of 11:59 p.m. Eastern Time on the Closing Date.

4.2 Closing Date Deliveries. At the Closing, the Buyer and the Seller shall deliver or cause to be delivered to each other the deliveries required by Articles 9 and 10 hereof.

4.3 Further Assurances. Subject to the terms and conditions herein provided, each of the parties agrees, both before and after the Closing, to use its commercially reasonable efforts to take, or cause to be taken, all actions and to do, or cause to be done, all things necessary, proper or advisable under applicable Law to consummate and make effective the transactions contemplated by this Agreement, including by causing to be satisfied, as soon as reasonably practicable, any condition to closing under Articles 9 and 10. Without limiting the generality of the foregoing, the Seller and the Buyer shall each use its commercially reasonable efforts to cause its respective accountants, attorneys, advisors, employees and other representatives to cooperate with the other party in order to consummate and make effective the transactions contemplated by this Agreement, including, without limitation, by executing and delivering at or after the Closing any bills of sale, instruments of assumption or other conveyance documents as the other party may from time to time reasonably request. In case at any time after the Closing Date any further action is reasonably necessary or desirable to carry out the purposes of this Agreement, the Seller and the Buyer shall take all such necessary action as the other party may reasonably request.

ARTICLE 5

REPRESENTATIONS AND WARRANTIES OF THE SELLER

The Seller hereby makes the following representations and warranties to the Buyer as of the date hereof and again as of the Closing Date:

5.1 Organization and Standing. The Seller is a corporation duly organized, validly existing and in good standing under the laws of the state of New Jersey. The Seller is duly qualified or licensed to do business as a foreign corporation in each of the jurisdictions in which the property owned, leased or operated by it in the Business or the nature of the Business makes such qualification necessary, except where the failure to be so qualified or licensed would not have a Material Adverse Effect.

5.2 Authority Relative to this Agreement. The Seller has all necessary corporate power and authority to execute and deliver this Agreement and the Additional Agreements, to perform its obligations hereunder and thereunder and to consummate the transactions contemplated by hereby and thereby. The execution and delivery of this Agreement and the Additional Agreements to which the Seller is a party and the consummation of the transactions contemplated hereby and thereby have been duly and validly authorized by all requisite corporate action of the Seller and no other corporate proceedings on the part of the Seller are necessary to authorize this Agreement, the Additional Agreements or the transactions contemplated hereby and thereby.

5.3 Enforceability; Conflicts; Required Consents. This Agreement and the Additional Agreements to which the Seller is a party have been duly and validly executed and delivered by the Seller and, assuming the due and valid authorization, execution and delivery of this

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Agreement and the Additional Agreements by the Buyer, constitute legally valid and binding obligations of the Seller enforceable against it in accordance with their respective terms. Except as set forth on **Schedule 5.3**, neither the execution or delivery of this Agreement or the Additional Agreements by the Seller nor the consummation or performance by the Seller of its obligations hereunder or thereunder (the "**Contemplated Transactions**"): (i) require notice to be given to, or the consent, waiver, approval, authorization, Order or Permit of, any third party, including any Governmental Authority; (ii) will violate the certificate of incorporation or bylaws of the Seller as amended to date or any Law or Order applicable to the Seller or any of its properties or assets; (iii) will, either alone or with the giving of notice or the passage of time, or both, violate, breach or conflict with any provision of or constitute a default or result in the loss of any material benefit, under or permit the termination, acceleration, modification or cancellation of, any Purchased Contract; or (iv) will result in the creation of any Lien on any of the Assets.

5.4 Government Authorizations; Compliance with Laws.

5.4.1 **Schedule 5.4.1(a)** contains a list of each material Permit that is necessary for the conduct of the Business as presently conducted or the ownership of the Assets (the "**Material Permits**"). The Seller possesses all Material Permits. Except as set forth on **Schedule 5.4.1(b)**, all Material Permits (i) are in full force and effect, (ii) are transferable to Buyer without the consent of the issuer thereof, and (iii) will continue to be in full force and effect immediately following the Closing. The Seller is in compliance with the terms and requirements of each Permit, except where the failure to comply would not have a Material Adverse Effect. No proceeding to modify, suspend, revoke, withdraw, terminate or otherwise limit any Permit is pending or, to the Seller's knowledge, threatened.

5.4.2 The Seller's conduct of the Business complies with all applicable Laws, except where the failure to comply would not have a Material Adverse Effect.

5.5 Taxes. Except as set forth on **Schedule 5.5**, the Seller has duly and timely filed all Tax Returns required to be filed by it and such Tax Returns were, at the time they were filed and on the date of this Agreement, true and correct in all material respects. All Taxes due by the Seller have been paid (whether or not shown on any Tax Return), except to the extent that such Taxes are being disputed in good faith and as to which adequate reserves have been reflected on the Seller's balance sheet. There are no Liens on any Assets that arose in connection with any failure (or alleged failure) to pay any Tax when due.

5.6 Personal Property. **Schedule 2.1.1** sets forth all of the tangible assets owned or leased by the Seller that are located at any of the Facilities or that are exclusively used or held for use in the Business. Except as set forth on **Schedule 5.6(a)**, the Seller has good and marketable title to all of the Purchased Personal Property owned by the Seller, free and clear of all Liens other than Permitted Liens. Except as set forth in **Schedule 5.6(b)**, the Seller has a valid and enforceable right to receive and use all Purchased Personal Property not owned by the Seller. The Purchased Personal Property is in the Seller's possession, in good repair and reasonable operating condition, ordinary wear and tear excepted, and is adequate and suitable for the purposes for which it is presently being used. During the six (6) month period preceding the Closing, the Seller has not moved any furniture, fixtures, machinery, equipment, materials,

vehicles, computer hardware, office equipment or other tangible assets used or held for use in the operation of the Business away from any Facility (except for disposition of obsolete property and materials or temporary removal from a Facility for repair). The Purchased Personal Property that is presently being used by the Seller in the Business is free from any patent defects that materially and adversely affect the continued use of such Purchased Personal Property in the Business as presently conducted.

5.7 Real Property.

5.7.1 The Seller does not own any real property used in the Business. Each parcel or tract of real property used in the Business is subject to a written lease or sublease to which the Seller is a party as lessee or sublessee (each, a "Real Property Lease"). The Seller has a good and valid leasehold interest in the Leased Real Property. All such Real Property Leases are in full force and effect in all material respects in accordance with their terms. The Seller has previously furnished the Buyer with copies of all Real Property Leases. There is not, with respect to any Real Property Lease (i) any default by the Seller or any event of default or event which with notice or lapse of time, or both, would constitute a default by the Seller, which would permit the relevant lessor to terminate such Real Property Lease or (ii) to the knowledge of the Seller, any existing material default by any other party to any Real Property Lease, or any event of default or event which with notice or lapse of time, or both, would constitute a material default by any other party to any Real Property Lease.

5.7.2 The Seller's present use, occupancy and operation of the Leased Real Property and any improvements to the Leased Real Property are in compliance with all Laws (including all zoning requirements), except where the failure to comply would not have a Material Adverse Effect and to the Seller's knowledge, private restrictive covenants, and to the Seller's knowledge, there has not been any proposed change of the Leased Real Property by the Seller or for the purposes presently used by the Seller, that would materially and adversely affect any of the Leased Real Property or its use, occupancy or operation in any material respect. There exists no conflict or dispute between the Seller, or, to the Seller's knowledge, the lessor, and any Governmental Authority relating to any Leased Real Property or the conduct of the Business thereon. The Seller has not received any written notice, and has no knowledge, that any portion of the Leased Real Property is subject to any classification, designation or preliminary determination of any Governmental Authority or pursuant to any Law which would restrict its continued use, occupancy and operation in connection with the Business consistent with past practice.

5.7.3 Neither the Seller nor, to the knowledge of the Seller, any other Person, has caused any work or improvements to be performed upon or made to any of the Leased Real Property for which there remains outstanding any payment obligation that would or might serve as the basis for any Lien on any Asset in favor of the Person who performed the work.

5.7.4 Except as set forth on **Schedule 5.7.4**, (i) no portion of the Leased Real Property is located within any Special Flood Hazard Area designated by the Federal Emergency Management Agency, or in any area similarly designated by any Governmental Authority; (ii) no portion of the Leased Real Property meets the definition of "wetlands" codified at 40 C.F.R. part 230.3(t), or has been similarly designated by any Governmental Authority; and (iii) no portion of

the Leased Real Property constitutes "wetlands" that have been filled, whether or not pursuant to appropriate Permits.

5.7.5 Except as set forth on **Schedule 5.7.5**, the buildings, structures and other improvements of any and every nature located on the Leased Real Property and all fixtures attached or affixed to the Leased Real Property or to any such buildings, structures or other improvements are in good order and repair, ordinary wear and tear excepted and comply with all applicable Laws, including all applicable building and zoning codes, except where the failure to comply would not have a Material Adverse Effect. The Leased Real Property is free from any patent defects that materially and adversely affect the continued use of the Leased Real Property in the Business as presently conducted.

5.7.6 Except as set forth on **Schedule 5.7.6**, the Seller has not received any written notice of any material non-recurring or special Taxes or assessments with respect to any Leased Real Property, nor to the knowledge of the Seller is there any thereof under consideration by any Governmental Authority.

5.7.7 The Seller has not received any written notice: (i) from any adjoining property owner alleging encroachment with respect to the Leased Real Property or disputing the location of any boundary line of the Leased Real Property; or (ii) from the holder of any easements alleging any encroachment or any other breach of the terms of the easement. Furthermore, except as set forth on **Schedule 5.7.7** and except for any easement or encumbrances of record, the Seller has no knowledge that: (x) the Leased Real Property does not encroach on, and is not encroached on by, the property owned by any other Person or entity; (y) there is no potential dispute regarding the location of any boundary line of the Leased Real Property; or (z) there is no encroachment or alleged encroachment by an improvement on the Leased Real Property on to an area subject to any easement held by any other Person, nor is there any reasonable basis for any other Person to allege a breach of, the terms of an easement.

5.8 Contracts.

5.8.1 **Schedule 5.8** contains an accurate and complete list, and the Seller has delivered or made available to the Buyer true and complete copies, of the following contracts (the "**Material Contracts**"):

(a) each Purchased Contract that involves performance of services or delivery of goods or materials or making of capital expenditures by the Seller of an amount or value in excess of \$50,000;

(b) each Purchased Contract that involves performance of services or delivery of goods or materials to the Seller of an amount or value in excess \$50,000;

(c) each Purchased Contract that was not entered into in the Ordinary Course of Business and that involves expenditures or receipts of the Seller in excess \$50,000;

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(d) each Purchased Contract affecting the ownership of, leasing of, title to, use of or any leasehold or other interest in any real or personal property (except personal property leases and installment and conditional sales, agreements having a value per item or aggregate payments of less than \$50,000;

(e) each Purchased Contract with any labor union or other employee representative of a group of employees relating to wages, hours and other conditions of employment;

(f) each Purchased Contract (however named) involving a sharing of profits, losses, costs or liabilities by the Seller with any other Person of the Business or any part thereof, other than bona fide employment or consulting arrangements;

(g) each Purchased Contract relating to a profit-sharing plan or commission structure for employees or independent contractors of the Business; and

(h) each Purchased Contract containing covenants that in any way purport to limit the freedom of the Seller to operate the Business or compete with any Person.

5.8.2 Except as set forth on Schedule 5.8.2:

(a) the Purchased Contracts are in full force and effect, legally valid, binding and enforceable obligations of the Seller and, to the knowledge of the Seller, of all other Persons purported to be parties thereto, except as limited by bankruptcy, or insolvency Laws or Laws affecting creditors' rights or equitable principles;

(b) the Seller has complied in all material respects with its obligations under the Purchased Contracts, and there has not occurred (i) any material default or event that, with notice of the passage of time, or both, would constitute a material default by the Seller under any of the Purchased Contracts or (ii) any default or event that would allow the other party, with or without notice or the passage of time, or both, to accelerate the Seller's obligations under or terminate any such Purchased Contract, nor has the Seller received any written notice alleging a default;

(c) to the knowledge of the Seller, no other contracting party is in material default of any of its obligations under any of the Purchased Contracts;

(d) has not received written notice that any other party to any of the Purchased Contracts intends to amend, modify, cancel or terminate any of such agreements;

(e) to the knowledge of the Seller, no party to any of the Material Contracts intends to amend, modify, cancel or terminate any of such agreements;

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(f) no party to any of the Purchased Contracts is entitled to concessions or abatements for any period subsequent to the Closing;

(g) except as set forth on **Schedule 5.3**, the transactions contemplated by this Agreement will not violate the terms of, require any consent or notice under, or affect the validity, enforceability and continuity of any of the Purchased Contracts;

(h) each Purchased Contract which is being assigned to or assumed by the Buyer is assignable by the Seller to the Buyer without the consent of any other Person; and

(i) there is no Material Contract in respect of which the performance of the Seller's obligations would have a Material Adverse Effect.

5.8.3 Each Purchased Contract relating to the sale, design, manufacture or provision of products or services by the Seller has been entered into in the Ordinary Course of Business of the Seller and has been entered into without the commission of any act alone or in concert with any other Person, or any consideration having been paid or promised, that is or would be in material violation of any applicable Laws.

5.9 Environmental Matters. This Section 5.9 contains the sole representation or warranty of the Seller with respect to environmental matters. Except as set forth on **Schedule 5.9** or in the environmental studies referenced therein,

5.9.1 the Seller's conduct of the Business and operation of the Assets complies with all applicable Environmental Laws, except where the failure to comply would not have a Material Adverse Effect;

5.9.2 all material notices, Permits, licenses or similar authorizations, if any, required to be obtained or filed by the Seller under any Environmental Law in connection with the Seller's conduct of the Business or operation of the Assets have been obtained or filed;

5.9.3 there are no past, pending or, to the knowledge of the Seller, threatened investigations, proceedings or claims against the Seller relating to the Seller's conduct of the Business or operation of the Assets and arising under any Environmental Law;

5.9.4 no conditions or circumstances exist with respect to any of the Leased Real Property that would reasonably be expected to give rise to any remedial action against the Seller or, to the knowledge of the Seller, impose any liability on the Seller under any Environmental Law;

5.9.5 the Seller has not received any written notice or claim that the Seller is or may be liable to any Person as a result of (i) any Hazardous Substance generated, treated or stored in connection with the Seller's lease, use or operation of the Leased Real Property in the Business, or (ii) any failure to comply with any Environmental Law;

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5.9.6 the Seller has not, in respect of the Business: (i) entered into or been subject to any consent decree, compliance order, or administrative order pursuant to applicable Environmental Laws; received any written request for information, notice, demand letter, administrative inquiry, or written formal or informal complaint or claim with respect to any environmental condition; or (ii) been the subject of or, to the knowledge of the Seller, threatened with, any governmental enforcement action under any Environmental Law;

5.9.7 the Seller has delivered to the Buyer true, correct and complete copies of all Phase I and Phase II environmental reports with respect to compliance of the Leased Real Property of the Business with the Environmental Laws and/or the presence of Hazardous Substances that were: (i) prepared for the Seller or any affiliate of the Seller; or (ii) prepared for other Persons, and in the possession, custody or control of the Seller or any affiliate of the Seller; and there are not pending or, to the knowledge of the Seller, threatened claims or Liens against the Seller arising under or pursuant to any Environmental Law with respect to or affecting any Leased Real Property and, in the case of Liens only, that materially and adversely affect the continued use of the Leased Real Property in the Business as presently conducted;

(b) to the knowledge of the Seller, there are no pending or threatened claims or Liens against any third-party arising under or pursuant to any Environmental Law with respect to or affecting any Leased Real Property and, in the case of Liens only, that materially and adversely affect the continued use of the Leased Real Property in the Business as presently conducted; and

(c) there are no restrictions of any nature arising under or pursuant to any Environmental Law with respect or affecting any Leased Real Property that materially and adversely affect the continued use of the Leased Real Property in the Business as presently conducted.

5.10 Intellectual Property.

5.10.1 Each Facility possesses all Transferred Intellectual Property necessary to continue to conduct the Business for existing customers as previously conducted by the Seller. The Transferred Intellectual Property constitutes all of the know-how and information (other than the product, process, trade and services names covered by the License Agreements and the software licensed pursuant to the software license agreements listed on **Schedule 2.2.8**) necessary for the conduct of the Business as presently conducted.

5.10.2 The Seller will not retain any copies of the Transferred Intellectual Property relating to the Business, except to the extent such Transferred Intellectual Property is also used at an applications facility retained by the Seller, and as specifically set forth in **Schedule 5.10.2**.

5.10.3 The Seller has the right to use the Transferred Intellectual Property in its conduct of the Business (as previously conducted) free and clear of all Liens, except for Permitted Liens, and the Purchaser's use of the Transferred Intellectual Property in its continued conduct of the Business (as previously conducted) will not infringe or violate any intellectual

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property rights of any Person with respect to the use of the Transferred Intellectual Property in the Business.

5.11 Financial Statements.

5.11.1 True, correct and complete copies of the unaudited combined balance sheets for the Business as of December 31, 1999, 2000 and 2001 and October 31, 2002, and the related unaudited combined profit and loss statements for the Business for the years ended December 31, 1999, 2000, 2001 and 2002 (collectively, the "Financial Statements") are attached hereto as **Schedule 5.11.1**. Except for the omission of notes required by GAAP and as otherwise described on **Schedule 5.11.1**, the Financial Statements have been prepared in accordance with GAAP, consistently applied, and are consistent with the books and records of the Seller maintained in the Ordinary Course of Business. The Financial Statements fairly present in all material respects the financial condition and the results of operations of the Business at the respective dates of and for the periods referred to in such Financial Statements.

5.11.2 The Seller does not have any material liabilities in respect or arising out of the Business that would be required to be reflected on a balance sheet of the Business prepared in accordance with GAAP, except (i) liabilities disclosed or reflected in the most recent combined balance sheet of the Business contained in the Financial Statements; (ii) liabilities incurred after the date of the most recent combined balance sheet of the Business contained in the Financial Statements in the Ordinary Course of Business; and (iii) as set forth on **Schedule 5.11.2**.

5.12 Absence of Certain Changes. Except as set forth on **Schedule 5.12**, since October 31, 2002:

5.12.1 there has been no change in the business, assets, properties, liabilities, results of operations or financial condition of the Business or in its relationships with suppliers, customers, lessors or others, which have had or would reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect;

5.12.2 there has been no damage, destruction or loss to any of the material Assets, or the Business, whether or not covered by insurance;

5.12.3 the Business has been operated in the Ordinary Course of Business;

5.12.4 the books, accounts and records of the Seller have been maintained in the Ordinary Course of Business;

5.12.5 no material liability of the Business has been discharged or satisfied, other than in the Ordinary Course of Business;

5.12.6 the Seller had not discontinued or determined to discontinue selling any products previously sold by the Business, the sales of which have been material to the results of operations of the Business;

5.12.7 there has been no Lien created on or in the Assets, other than Permitted Liens;

5.12.8 there has been no sale, transfer, lease or other disposition of any assets exclusively used or held for use in the Business, except for (i) sales of Inventory in the Ordinary Course of Business, (ii) dispositions of obsolete equipment and materials in the Ordinary Course of Business, or (iii) the disposition of any other tangible asset having a fair market or book value at the time of disposition not exceeding \$50,000, and no debt to, or material claim or right of, the Seller in respect of the Business in excess of \$50,000 has been canceled, compromised, waived or released;

5.12.9 the Seller has not entered into any agreement, contract, lease or license either (i) with any Related Person (as defined in **Section 5.24**) or (ii) outside the Ordinary Course of Business; and

5.12.10 there has been no payment (except in the Ordinary Course of Business) or increase by the Seller of any bonuses, salaries or other compensation to any employee of the Business or entry into any employment, severance or similar Contract with any employee of the Business;

5.12.11 there has been no adoption of, amendment to or increase in the payments to or benefits under, any Benefit Plan, except in the Ordinary Course of Business;

5.12.12 there has been no material change in the accounting methods used by the Seller in connection with the Business, except as required by GAAP;

5.12.13 there has been no indication by a customer or supplier of the Business of an intention to discontinue or change the terms of its relationship with the Seller, which discontinuation or change would have a Material Adverse Effect; or

5.12.14 the Seller has not agreed to do any of the things described in **Sections 5.12.1 through 5.12.13**.

5.13 Litigation. Except as set forth in **Schedule 5.13**, there is no litigation, suit, claim, legal action, Order, arbitration, administration or other proceeding or investigation (each a "**Proceeding**") pending or, to the knowledge of the Seller, threatened (or pending but not yet served on the Seller), by or against the Seller relating to or arising out of the Business or the Assets, or which seeks to enjoin, delay or prohibit, or otherwise questions the validity of, any action taken or to be taken pursuant to or in connection with this Agreement. To the knowledge of the Seller, no event has occurred or circumstance exists that is reasonably likely to give rise to or serve as a basis for the commencement of any Proceeding. There are no Proceedings listed in **Schedule 5.13** that, if adversely decided to the Seller, would reasonably be expected to have a Material Adverse Effect. Except as set forth in **Schedule 5.13**, the Seller is in compliance in all material respects with the terms and requirements of each Order to which the Business or any of the Assets is subject;

5.14 [Intentionally Omitted].

5.15 Inventory. All Inventory held by the Seller for sale in the Ordinary Course of Business meets the standards of (i) all applicable Laws and (ii) all contractual commitments and warranties of the Seller to its customers, except where the failure to meet such standards would

not have a Material Adverse Effect. The quantities of each item of Inventory (whether raw materials, work-in-process, or finished goods) are reasonable in the present circumstances of the Seller. All coatings and other items included in the Inventory consist of a quality and quantity usable in the Ordinary Course of Business except for an immaterial amount of obsolete items and items of below standard quality. Except as set forth in **Schedule 5.15**, the Seller is not in possession of any inventory at the Facilities not owned by the Seller in connection with the Business, including goods already sold. Inventories now on hand that were purchased after the date of the latest balance sheet included in the Financial Statements were purchased in the Ordinary Course of Business.

5.16 Broker's Fees. Except as set forth in **Schedule 5.16**, the Seller has no liability or obligation to pay any fees or commissions to any broker or finder with respect to the transactions contemplated by this Agreement for which the Buyer could become liable or obligated.

5.17 Sufficiency of the Assets. Other than the Excluded Assets, the Assets constitute all of the assets necessary to conduct the Business in the same manner as conducted by the Seller.

5.18 Labor Matters. To the knowledge of the Seller, no employee or independent contractor who performs services on a regular basis for the Seller and is principally engaged in the conduct of the Business plans to discontinue such relationship with the Business after the execution and delivery of this Agreement. The Seller is not a party with any union, labor organization or employee group to any agreement of any kind which deals with wages, conditions of employment, benefits or other matters affecting the employer/employee relationship with respect to any employees principally engaged in the conduct of the Business. There are no proceedings pending, or to the knowledge of the Seller, threatened, between the Seller and any union, labor organization or employee group representing, or seeking to represent, any of its employees, nor has there been any attempt by any union, labor organization or employee group to organize any of the Seller's employees principally engaged in the conduct of the Business at any time in the past five years. The Seller has complied with all applicable Laws relating to wages, hours, health and safety, payment of social security, withholding and other taxes, maintenance of workers' compensation insurance, labor and employment relations, employment discrimination terms and conditions of employment, equal employment opportunity, immigration, benefits collective bargaining requirements under occupational safety and health, except where the failure to comply would not have a Material Adverse Effect. Except as set forth in **Schedule 5.18**, there are no Contracts concerning the continued employment by the Seller of any individual principally engaged in the conduct of the Business in the Business, other than agreements terminable upon not more than one month's notice. To the Seller's knowledge, there is no charge of discrimination pending or overtly threatened against the Seller with the Equal Employment Opportunity Commission or similar Governmental Authority. The Seller has complied in all material respects with the Worker Adjustment and Retraining Notification Act and any similar state or local Law, as applicable to the Business.

5.19 Employee Benefit Matters.

5.19.1 **Schedule 5.19** contains a list of all Benefit Plans, as defined below, contributed to, maintained or sponsored by the Seller, to which the Seller is obligated to

contribute for the benefit on the employees of the Business. For purposes of this Agreement, the term "**Benefit Plan**" shall mean: (i) employee benefit plans as defined in Section 3(3) of ERISA, whether or not funded and whether or not terminated and (ii) written personnel policies or fringe benefit plans, policies, programs and arrangements, whether or not subject to ERISA, whether or not funded, and whether or not terminated, including, without limitation, stock bonus, deferred compensation, pension, severance, bonus, vacation, travel, incentive and health, disability and welfare plans, in each case in respect of the Business. The Seller does not contribute to, maintain, sponsor, nor otherwise have any liability or potential liability with respect to any multi-employer plan (within the meaning of Section 3(37) or 4001(a)(3) of ERISA) or any single employer pension plan (within the meaning of Section 4001(a)(15) of ERISA) for which the Buyer could incur liability under Section 4063 or 4064 of ERISA.

5.19.2 To the knowledge of the Seller, each Benefit Plan has been operated and administered in accordance with all applicable Laws, including, without limitation, ERISA and the Code, except where the failure to do so would not have a Material Adverse Effect. Neither the Seller nor any of its directors, officers, employees or agents, nor to the knowledge of the Seller, any "party in interest" or "disqualified person" (as such terms are defined in Section 3(14) of ERISA and Section 4975 of the Code), has been engaged in or been a party to any "prohibited transaction" (as such term is defined in Section 406 of ERISA or Section 4975 of the Code). To the knowledge of the Seller, each Benefit Plan that is a group health plan within the meaning of Section 607(1) of ERISA and Section 4980B of the Code is in compliance in all material respects with the continuation coverage requirements of Section 601 of ERISA and Section 4980B of the Code. There are no pending claims or, to the knowledge of the Seller threatened claims, by or on behalf of any Benefit Plan, by any employee or beneficiary covered under such Benefit Plan or by any Governmental Authority or otherwise involving such Benefit Plan or any of its fiduciaries (other than for routine claims for benefits).

5.19.3 Except as set forth on **Schedule 5.19**, the Seller is not bound to provide, and does not provide, benefits, including, without limitation, death, health or medical benefits (whether or not insured), with respect to current or former employees of the Seller beyond their retirement or other termination of service with the Seller other than (i) coverage mandated by applicable Law or (ii) benefits, the full cost of which is borne by the current or former employee or his or her beneficiary.

5.20 Significant Customers and Suppliers. Except as set forth in **Schedule 5.20**, none of the ten largest customers or suppliers of the Business (measured by value of net sales or purchases, respectively) during the twelve (12) month period ended December 31, 2001 has terminated, canceled or limited or made any material modification or change in its business relationship with the Seller in respect of the Business, or to the knowledge of the Seller, has threatened to take any of the foregoing actions.

5.21 Disclaimer. EXCEPT AS EXPRESSLY PROVIDED IN THIS ARTICLE, 5, THE SELLER MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND, NATURE OR DESCRIPTION, EXPRESS OR IMPLIED, AT LAW OR IN EQUITY, IN RESPECT OF THE BUSINESS, THE ASSETS, THE OPERATION OF OR CONDITION OF ANY THEREOF, THE ASSUMED LIABILITIES OR ANY OTHER MATTER (INCLUDING, WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR

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A PARTICULAR PURPOSE), AND THE SELLER HEREBY EXPRESSLY DISCLAIMS SAME. ADDITIONALLY, THE SELLER EXPRESSLY DISCLAIMS ANY EXCLUSIVE RIGHTS WITH RESPECT TO THE TRANSFERRED INTELLECTUAL PROPERTY AND ANY EMBODIED KNOW-HOW IN THE CONTINUED CONDUCT OF THE BUSINESS AS PREVIOUSLY CONDUCTED.

5.22 Books and Records. The books of account and other financial records of the Business, all of which have been made available to the Buyer, represent actual, bona fide transactions and are sufficient to permit the preparation of the Financial Statements in accordance with GAAP.

5.23 No Material Adverse Effect. Since the date of the latest balance sheet included in the Financial Statements, there has been no Material Adverse Effect, and no event has occurred or circumstance exists that may result in such a Material Adverse Effect.

5.24 Relationships with Related Persons. Except as disclosed in **Schedule 5.24**, neither the Seller nor any affiliate of the Seller owns any interest in any of the Assets. Except as disclosed in **Schedule 5.24**, neither the Seller nor any affiliate of the Seller is a party to any contract with, or has any claim or right against, the Seller in connection with the Business or the Assets. Except for the applications business presently conducted at facilities located in Mountain View/Hayward, California and Peachtree City, Georgia, which business is being retained by the Seller, neither the Seller nor any affiliate of the Seller owns, of record or as a beneficial owner, an equity or any other financial or profit interest in any Person that (i) is involved in business dealings or has a material financial interest in any transaction with the Seller other than business dealings or transactions disclosed in **Schedule 5.24**, each of which has been conducted in the Ordinary Course of Business with the Seller at substantially prevailing market prices and on substantially prevailing market terms or (ii) is engaged in competition with the Seller with respect to the Business of the Seller (a "Competing Business") in any market presently served by the Seller in connection with the Business, except for ownership of less than five percent (5%) of the outstanding capital stock of any Competing Business that is publicly traded on any recognized exchange or in the over-the-counter market.

5.25 Solvency.

5.25.1 The Seller is not now insolvent and will not be rendered insolvent by any of the Contemplated Transactions. As used in this section, "insolvent" means that the sum of the debts and other probable liabilities of the Seller exceeds the present fair saleable value of the Seller's assets.

5.25.2 Immediately after giving effect to the consummation of the Contemplated Transactions: (i) the Seller will be able to pay its liabilities as they become due in the usual course of its business; (ii) the Seller will not have unreasonably small capital with which to conduct its present or proposed business; (iii) the Seller will have assets (calculated at fair market value) that exceed its liabilities; and (iv) taking into account all pending and threatened litigation, final judgments against the Seller in actions for money damages are not reasonably anticipated to be rendered at a time when, or in amounts such that, the Seller will be unable to satisfy any such judgments promptly in accordance with their terms (taking into account the

maximum probable amount of such judgments in any such actions and the earliest reasonable time at which such judgments might be rendered) as well as all other obligations of the Seller. The cash available to the Seller, after taking into account all other anticipated uses of the cash, will be sufficient to pay all such debts and judgments promptly in accordance with their terms.

5.26 Disclosure. No representation or warranty or other statement made by the Seller contain any untrue statement or omits to state a material fact necessary to make any of them, in light of the circumstances in which it was made, not misleading.

ARTICLE 6

REPRESENTATIONS AND WARRANTIES OF THE BUYER

The Buyer hereby makes the following representations and warranties to the Seller as of the date hereof and again as of the Closing Date:

6.1 Corporate Status. The Buyer is a corporation duly organized, validly existing and in good standing under the laws of the State of Delaware.

6.2 Corporate Power and Authority. The Buyer has the corporate power and authority to execute and deliver this Agreement and the Additional Agreements, to perform its obligations hereunder and thereunder, and to consummate the transactions contemplated hereby and thereby. The execution and delivery of this Agreement and the Additional Agreements and the consummation of the transaction contemplated hereby and thereby have been duly and validly authorized and approved by all requisite corporate action on the part of the Buyer and no other corporate proceedings on the part of the Buyer are necessary to authorize this Agreement, the Additional Agreements or the transactions contemplated hereby and thereby.

6.3 Enforceability: Conflicts.

6.3.1 This Agreement and the Additional Agreements have been duly and validly executed and delivered by the Buyer and, assuming the due and valid authorization, execution and delivery of this Agreement and the Additional Agreements by the Seller, constitute legally valid and binding obligations of the Buyer enforceable against it in accordance with their respective terms. Neither the execution or delivery of this Agreement or the Additional Agreements by the Buyer nor the performance by the Buyer of its obligations hereunder or thereunder: (i) require notice to be given to, or the consent, waiver, approval, authorization, Order or permit of, any third party, including any Governmental Authority; (ii) will violate the certificate of incorporation or bylaws of the Buyer or any Law or Order applicable to the Buyer or any of its properties or assets; or (iii) will, either alone or with the giving of notice or the passage of time, or both, violate, breach or conflict with any provision of or constitute a default or result in the loss of any material benefit under, or permit the termination, acceleration, modification or cancellation of, any material contract to which the Buyer is a party or is otherwise subject, except, in the case of foregoing clauses (i), (ii) and (iii), for those exceptions which would not, individually or in the aggregate, materially impair the ability of the Buyer to perform its obligations under this Agreement.

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6.3.2 The CW Guaranty has been duly and validly executed and delivered by Parent and constitutes a legally valid and binding obligation of Parent enforceable against it in accordance with its terms. Neither the execution or delivery of the CW Guaranty by Parent nor the performance by Parent of its obligations thereunder: (i) require notice to be given to, or the consent, waiver, approval, authorization, Order or permit of, any third party, including any Governmental Authority; (ii) will violate the certificate of incorporation or bylaws of Parent or any Law or Order applicable to Parent or any of its properties or assets; or (iii) will, either alone or with the giving of notice or the passage of time, or both, violate, breach or conflict with any provision of or constitute a default or result in the loss of any material benefit under, or permit the termination, acceleration, modification or cancellation of, any material contract to which Parent is a party or is otherwise subject, except, in the case of foregoing clauses (i), (ii) and (iii), for those exceptions which would not, individually or in the aggregate, materially impair the ability of Parent to perform its obligations under the CW Guaranty.

6.4 Availability of Funds. The Buyer has available sufficient unrestricted funds to consummate the transactions contemplated by this Agreement. The Buyer is not insolvent nor will it be rendered insolvent by reason of the consummation of the transactions contemplated by this Agreement, and the Buyer is, and immediately following the Closing will be, able to meet its obligations (including the Assumed Liabilities) as they become due and payable in the ordinary course of its respective business.

6.5 Broker's Fees. The Buyer does not have any liability or obligation to pay any fees or commissions to any broker or finder with respect to the transactions contemplated by this Agreement for which the Seller could become liable or obligated.

ARTICLE 7

CERTAIN COVENANTS

7.1 Access to Books and Records and Personnel. Upon reasonable prior written notice during normal business hours, the Seller shall, until the Closing Date or earlier termination of this Agreement, make the Leased Real Property, books, accounts, Inventory, personal property, Permits, records (financial and other), Purchased Contracts and other documents and information relating to the Business available for examination and inspection by the Buyer and its officers, employees, attorneys and authorized representatives for any purpose reasonably related to the Buyer's exercise of its rights or performance of its obligations hereunder and furnish the Buyer with such copies thereof as the Buyer shall reasonably request. In addition, the Seller shall give the Buyer access, at mutually agreed upon times and places, to such officers, managers, key employees, accountants, advisors and other representatives of the Seller as the Buyer shall reasonably request; *provided that* a representative of the Seller will have the right to participate in any such interview or meeting. In addition, the Buyer shall have the right to have the Leased Real Property inspected by the Buyer's representatives, at the Buyer's sole cost and expense, for purposes of determining the physical condition and legal characteristics of the Leased Real Property; *provided that* such inspections shall be reasonable and subject to the Seller's prior approval. The Buyer shall conduct any investigation in a manner which will not unreasonably interfere with the Business. All information provided or made available to the

Buyer or its representatives pursuant hereto will be deemed subject to the Confidentiality Agreement.

7.2 Post-Closing Access. It is recognized that the Seller may need tax, financial or other data after the Closing Date with respect to the Assets or the Business covering periods prior to the Closing Date for the purpose of (i) preparing financial statements or Tax Returns for such periods; (ii) dealing with Excluded Assets or Excluded Liabilities, or (iii) dealing with matters subject to indemnification pursuant to this Agreement. The Buyer will render reasonable cooperation and will afford reasonable access during normal business hours to all books, records, data and personnel concerning the Assets and the Business with respect to periods prior to and including the Closing Date to the Seller and its accountants, counsel or other authorized representatives for such purpose. The Buyer has provided to the Seller a true and correct copy of its record-retention policies. After the Closing Date, the Buyer shall retain, for a period consistent with such record-retention policies and practices, those books and records of the Seller delivered to the Buyer. Without limiting the foregoing, the Buyer shall not destroy (x) any document required to be retained by Law or (y) any document related to any indemnity claim or matter in respect of which an indemnity claim is pending, threatened or reasonably likely to occur. Upon the Seller's request, the Buyer shall provide to the Seller copies of any documents prior to destruction by the Buyer if it is reasonably likely that the Seller may require such documents for the purposes described in clauses (i) through (iii) above.

7.3 Notice of Certain Events. Until the Closing Date or earlier termination of this Agreement, the Buyer and the Seller shall promptly notify each other in writing upon acquiring knowledge of the occurrence of any of the following:

7.3.1 the commencement or threat in writing of any proceeding or litigation at law or in equity or before any Governmental Authority involving the Assets, the Business or the transactions contemplated hereby;

7.3.2 any fact or circumstance which would make any representation or warranty of either party set forth herein untrue or inaccurate in any material respect as of the Closing Date or as of the date of this Agreement;

7.3.3 damage to any of the tangible Assets in an amount in excess of \$10,000;

7.3.4 receipt of written notice from any Person alleging that the consent of such Person is or may be required in connection with the transactions contemplated by this Agreement; or

7.3.5 any event which has had or might reasonably be expected to have a Material Adverse Effect.

7.4 Conduct of Business by the Seller. From the date of this Agreement until the Closing Date or earlier termination of this Agreement, the Seller shall operate the Business solely in the Ordinary Course of Business, except that the Seller shall not be obligated to make any additional capital expenditures except as may be reasonably necessary under item (iii) in the following sentence. The Seller will use its commercially reasonable efforts to (i) preserve intact the Business, (ii) maintain in effect all Permits which are necessary for the operation of the



Business, (iii) maintain, preserve and keep the Assets in reasonable condition and repair (ordinary wear and tear excepted), (iv) maintain good business relationships with suppliers, customers, licensors, lessors and others having business dealings with the Business, (v) confer with the Buyer prior to implementing operational decisions of a material nature outside the Ordinary Course of Business, (vi) otherwise report periodically to the Buyer concerning the status of the Business, (vii) make no material changes in management personnel of the Business without prior consultation with the Buyer, (viii) cooperate with the Buyer and assist the Buyer in identifying the Permits required by the Buyer to operate the Business from and after the Closing Date and either transferring existing Permits relating to the Business to the Buyer, where permissible, or obtaining new Permits for the Buyer, and (ix) maintain all books and records relating to the Business in the Ordinary Course of Business. Except as otherwise contemplated by or permitted by this Agreement, or as otherwise consented to or approved by the Buyer in writing, the Seller shall not:

7.4.1 amend its certificate of incorporation or bylaws or take any corporate or other action if any such amendment or action would have an adverse effect on the ability of the Seller to consummate the transactions contemplated by this Agreement;

7.4.2 create or incur any Lien or fail to take commercially reasonable action to discharge any involuntary Lien against or in respect of any Asset, except for Permitted Liens;

7.4.3 (i) amend or terminate any Real Property Lease, (ii) amend, in any respect, or terminate any other Material Contract or (iii) default (or take or omit to take any action that, with or without the giving of notice or passage of time or both, would constitute a default) in any of its obligations under any Material Contract;

7.4.4 dispose of any Assets or properties, except for dispositions of obsolete property and the sale or use of Inventory in the Ordinary Course of Business;

7.4.5 fail to comply, in all material respects, with all applicable Laws and Orders governing or relating to the Assets or the Seller's operation of the Business, including, without limitation, all Permits;

7.4.6 take any affirmative action, or fail to take any reasonable action within its control, as a result of which any of the changes or events listed in Section 5.12 would be likely to occur;

7.4.7 allow the levels of raw materials, supplies or other materials included in the Inventory to vary materially from the levels customarily maintained in the Ordinary Course of Business;

7.4.8 enter into any compromise or settlement of any litigation, proceeding or governmental investigation relating to the Assets, the Business or the Assumed Liabilities; or

7.4.9 authorize any of, or commit or agree to take any of, the foregoing actions.

7.5 Transfer of Purchased Contracts; Third Party Consents. To the extent that any consent, approval or waiver of a third party with respect to any Purchased Contract is required in

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connection with the transactions contemplated by this Agreement, the Seller shall use its commercially reasonable efforts (but without being required to pay any money or grant any non-monetary compensation to any third party to secure any such consent, approval or waiver) to obtain such consent, approval or waiver prior to and following the Closing Date. The Buyer shall cooperate with the Seller in seeking to obtain any such third-party consents, approvals or waivers. To the extent that the assignment of any Purchased Contract shall require the consent of any other party thereto, this Agreement shall not constitute an agreement to assign or assume the same if an attempted assignment would constitute a breach thereof. The Seller and the Buyer shall cooperate in any reasonable arrangement to provide to and enforce on behalf of the Buyer all of the rights, benefits, entitlements, and interest of the Seller with respect to each applicable Purchased Contract.

7.6 Employee Matters. As of the Closing, the Buyer shall offer employment to all those persons employed immediately prior to the Closing by the Seller and principally assigned in the conduct of the Business and whose principal place of work is one of the Facilities, and the Seller shall terminate all such employees other than Jennifer Holden and Deborah Manley, who will remain employees of the Seller. Such offers of employment shall be at compensation levels which are not less than the compensation levels which the employees received as employees of the Seller immediately prior to the Closing. Such employees shall be eligible to participate in all benefit plans in which similarly situated employees of the Buyer are eligible to participate, except that such employees' benefits under Buyer's defined benefit retirement plans will be limited to those calculated in accordance with Buyer's cash balance formula. The Buyer shall provide to the employees of the Seller who become employees of the Buyer credit for service with the Seller or any predecessor employer for the purpose of participation and vesting under the retirement and vacation benefit plans provided to such employees by Buyer. The Buyer further agrees that it will waive to the extent necessary, effective as of the Closing, any waiting periods and pre-existing condition exclusions that may limit any such employee's qualification for coverage under the Buyer's group medical plans. Nothing in this Section 7.6 creates or is intended to create any rights of any kind or nature in any third parties, including, without limitation, any rights or remedies in favor of any of the Seller's employees to be employed after the Closing or for any specified period of time, or respecting the terms of any such employment. The Seller shall remain liable for, and shall pay to the relevant Persons as and when due, all payroll-related amounts for former employees of the Seller terminated at Closing pursuant to this Section, including without limitation all wages, federal, state and local payroll taxes, and any other payments (including any employee benefit plan premiums, deductions or contributions) as to which amounts are withheld from wages, for periods through the effective time of the Closing, and for the avoidance of doubt, such amounts shall not be reflected as Assumed Liabilities on the Closing Balance Sheet or taken into account in the determination of the Working Capital Adjustment.

7.7 Publicity. Neither the Buyer nor the Seller shall make or issue, or permit any of its affiliates to make or issue, any public release or announcement concerning the transactions contemplated by this Agreement, including the terms of the transactions, without the other party's prior consent (which consent shall not be unreasonably withheld), except as such release or announcement may be required by applicable Law or by any competent regulatory body, or stock exchange rule or any tribunal of competent jurisdiction. The Buyer and the Seller shall

work together in drafting a press release for the purpose of announcing this Agreement to the public.

7.8 Additional Agreements.

7.8.1 At the Closing, the Seller shall cause The Morgan Crucible Company plc to grant the Buyer (i) a royalty-free, perpetual, non-exclusive right and license to use the "E/M Coatings" trademark and/or trade name in the Buyer's conduct of the Business, pursuant to a license agreement in the form attached hereto as Exhibit B-1 and (ii) a royalty-free, perpetual, non-exclusive right and license to use the products and process names included in the Transferred Intellectual Property pursuant to a license agreement in the form attached hereto as Exhibit B-2 (collectively, the "License Agreements"). The Buyer shall not be entitled to change the name of any of the Transferred Intellectual Property without the prior consent of the Seller, unless such change excludes all reference to the "E/M Coatings" trademark and/or trade names.

7.8.2 At the Closing, the Seller and the Buyer shall enter into (i) a supply agreement with respect to the continued supply by the Seller of the Business' requirements for certain engineered soft coatings and lubricants, in the form attached hereto as Exhibit C (the "Supply Agreement"), and (ii) a transition services agreement, in the form attached hereto as Exhibit D (the "Transition Services Agreement"; and collectively with the License Agreement and the Supply Agreement, the "Additional Agreements").

7.9 Discontinuance of Retained Names. From and after the Closing, except as provided in the License Agreements, the Buyer shall (i) not use, print or order any materials identified which include any of the corporate name or any trade names, trademarks, service names or service marks of the Seller or its Affiliates, whether or not used in the Business, (ii) promptly destroy all such materials or return them to the Seller, and (iii) not at any time suggest or imply that it or the Business is affiliated or associated with the Seller or any of the Seller's affiliates; *provided, however*, that the Buyer shall be entitled to use all existing signage existing as of the Closing using the "Morgan" name for a period of 90 days.

7.10 No Other Discussions. From the date hereof until the Closing or earlier termination of this Agreement, neither the Seller nor any of its affiliates, agents or other representatives shall directly or indirectly, solicit, encourage (including by way of furnishing any information concerning all or any portion of the Business), entertain, enter into or continue discussions concerning, substantively respond to or otherwise consider any other proposal for the acquisition of all or any portion of the Business or the Assets (whether by merger, stock purchase or otherwise). The Seller shall notify the Buyer of any such inquiry or proposal within twenty-four (24) hours of receipt of awareness of the same by the Seller.

7.11 Waiver of Bulk Sales Law Compliance. Compliance with the bulk sales laws of any jurisdiction where the Seller conducts the Business is hereby waived by the Buyer. The Seller agrees to defend, indemnify and hold harmless the Buyer from and against any and all claims by any Person arising out of or due to the failure of the parties to comply with such bulk sales laws, including, without limitation, claims against all or any part of the Assets, except to the extent such claim relates to an Assumed Liability.

7.12 Removing Excluded Assets and Obsolete and Below-Quality Inventory. As soon as reasonably practicable after the Closing Date, the Seller shall remove all Excluded Assets and all obsolete inventory and inventory of below-standard quality (if in material amounts) from all Facilities and other Leased Real Property to be occupied by the Buyer. Such removal shall be done in such manner as to avoid any damage to the Facilities and other properties to be occupied by the Buyer and any disruption of the business operations to be conducted by the Buyer after the Closing. Any damage to the Assets or to the Facilities resulting from such removal shall be paid by the Seller. Should the Seller fail to remove the Excluded Assets as required by this Section, the Buyer shall have the right, but not the obligation, (i) to remove the Excluded Assets at the Seller's sole cost and expense; (ii) to store the Excluded Assets and charge the Seller all storage costs associated therewith; (iii) to proceed to dispose of the Excluded Assets; or (iv) to exercise any other right or remedy conferred by this Agreement or otherwise available at law or in equity. The Seller shall promptly reimburse the Buyer for all costs and expenses incurred by the Buyer in connection with any Excluded Assets not removed by the Seller as required by this Section.

7.13 Reports And Returns. The Seller shall promptly after the Closing prepare and file all Tax reports and returns required by applicable Laws relating to the Business, to and including the Closing Date. The Buyer shall promptly after the Closing prepare and file all Tax reports and returns required by applicable Laws relating to the Business, after the Closing Date.

7.14 Assistance In Proceedings. The Seller will cooperate with the Buyer and its counsel in the contest or defense of, and make available its personnel and provide any testimony and access to its books and records in connection with, any third-party Proceeding involving or relating to (i) any Contemplated Transaction or (ii) any action, activity, circumstance, condition, conduct, event, fact, failure to act, incident, occurrence, plan, practice, situation, status or transaction before the Closing Date involving Assets or the Business; *provided that* the Buyer shall promptly reimburse the Seller for all costs and expenses associated with such assistance provided pursuant to this Section.

7.15 Noncompetition and Nonsolicitation.

7.15.1 Noncompetition.

(a) For a period of ten (10) years after the Closing Date (the "Restrictive Period"), the Seller and its Affiliates (as hereinafter defined) shall not (except as set forth below), directly or indirectly, invest in, own, manage, operate, or control any Person engaged in or, to the Seller's knowledge, planning to engage, anywhere in the continental United States, in the business of the application of engineered soft coatings or lubricants of the type previously applied in the Business as conducted by the Seller to customer-supplied parts or products (the "Restricted Activities"), *provided, however*, that the Seller or its Affiliates may purchase or otherwise acquire and hold up to (but not more than) five percent (5%) of any class of the securities of any Person (but may not otherwise participate in the activities of such Person) if such securities are listed on any national or regional securities exchange or have been registered under Section 12(g) of the Securities Exchange Act of 1934, as amended.

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(b) Notwithstanding anything to the contrary contained herein, it shall not be a breach of **Section 7.15.1(a)** for the Seller or its Affiliates to apply engineered soft coatings or lubricants, including those of the type previously applied in the Business as conducted by the Seller, to customer-supplied parts and products (i) for customers located within a 150-mile radius of the Seller's existing facilities located in Mountain View, California (and following its relocation to Hayward, California) or Peachtree City, Georgia; or (ii) for use in components used in the manufacture of semi-conductor processing equipment, including by way of example components of machines of the type presently manufactured by Applied Materials (the "Permitted Activities").

(c) Notwithstanding anything to the contrary contained herein, it shall not be a breach of **Section 7.15.1(a)** for the Seller or its Affiliates, directly or indirectly, to acquire, invest in, own, manage, operate, or control any Person (other than an Affiliate of the Seller as of the Closing Date) engaged in any Restricted Activities if such Person (i) generated not more than ten percent (10%) of its total revenues from such Restricted Activities in its last full fiscal year prior to such investment or acquisition and (ii) does not generate more than ten percent (10%) of its total revenues from such Restricted Activities during any fiscal year in which the Seller has an equity interest of at least 5% in such Person.

(d) As used herein, the term "Restricted Activities" does not include, and nothing contained in this **Section 7.15** shall be construed to prohibit or restrict the Seller or its Affiliates from, directly or indirectly, (i) investing in, owning, managing, operating, controlling or engaging in the business of designing, developing, testing, formulating, manufacturing, selling or distributing engineered soft coatings or lubricants and coating materials, greases, pastes and oils or systems and processes for the application of any thereof to parts and products (including the application of engineered soft coatings and lubricants to third party parts and products for testing and evaluation purposes) (collectively, the "Development Business"), to or for the account of any Person, wherever located, or (ii) consulting or otherwise discussing matters relating to the Development Business with any Person, wherever located.

(e) As used herein, the term "Affiliate" shall mean, with respect to any Person, any Person directly or indirectly controlling, controlled by or under direct or indirect common control with such other Person, where "control" means the power, directly or indirectly, to direct or cause the direction of the management and policies of another person, whether through the ownership of voting securities, by contract or otherwise.

7.15.2 Nonsolicitation. During the Restrictive Period, the Seller and its Affiliates shall not, directly or indirectly;

(a) solicit any Person who is known to the Seller to be a customer of the Buyer in the Business for the purpose of obtaining the patronage of such Person in connection with any Restricted Activities; *provided, however*, that nothing herein shall be construed to restrict the solicitation of any Person in connection with any Permitted Activities or the Development Business;

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(b) solicit any Person who is known to the Seller to be a supplier of the Buyer in the Business to discontinue doing business with the Business as conducted by the Buyer following the Closing; or

(c) solicit any employee of the Buyer principally engaged in the Business to leave or terminate such employment; *provided, however*, this subparagraph (c) will not prevent the Seller or its Affiliates from hiring any person who applies for employment in response to publicly advertised employment listings or otherwise without inducement by the Seller or its Affiliates.

7.15.3 Modification of Covenant. If a final judgment of a court or tribunal of competent jurisdiction determines that any term of provision contained in **Section 7.15** is invalid, or unenforceable, then the parties agree that the court or tribunal will have the power to reduce the scope, duration or geographic area of the term or provision, to delete specific words or phrases or to replace any invalid or unenforceable term or provision with a term or provision that is valid and enforceable and that comes closest to expressing the intention of the invalid or unenforceable term or provision. This **Section 7.15** will be enforceable as so modified after the expiration of the time within which the judgment may be appealed. This **Section 7.15** is reasonable and necessary to protect and preserve the Buyer's legitimate business interests and the value of the Assets and to prevent any unfair advantage conferred on the Seller.

7.15.4 Mail Received After Closing. Following the Closing, the Buyer may receive and open all mail addressed to the Seller at the Facilities and, to the extent that such mail and the contents thereof relate to the Business or the Assets, deal with the contents thereof at its discretion. From and after the Closing, the Seller shall promptly forward to the Buyer any mail received by the Seller and relating to the Business, the Assets or the Assumed Liabilities, and the Buyer shall promptly forward to the Seller any mail received by the Buyer and relating to Excluded Assets or Excluded Liabilities.

7.16 CW Guaranty. Simultaneously with the execution and delivery hereof, CW has executed and delivered to the Seller a guaranty of the prompt payment and performance by the Buyer of all of its liabilities and obligations hereunder (the "**CW Guaranty**"). The Buyer shall cause such CW Guaranty to remain in full force and effect for so long as the Buyer has any remaining liabilities or obligations under this Agreement.

7.17 Morganite Guaranty. Simultaneously with the execution and delivery hereof, Morganite has executed and delivered to the Buyer a guaranty of the performance by the Seller of all of its liabilities and obligations hereunder (the "**Morganite Guaranty**"). The Seller shall cause such Morganite Guaranty to remain in full force and effect for so long as the Seller has any remaining liabilities or obligations under this Agreement.

7.18 Equipment. On or before 120 days after the Closing Date (the "**Delivery Date**"), the Seller shall deliver to the Buyer F.O.B. at the New Britain Facility the equipment described on **Schedule 7.18** hereto (the "**Equipment**"). At delivery, the Equipment shall be in good repair and reasonable operating condition, ordinary wear and tear excepted. The Seller shall provide, at the Seller's expense, a qualified engineer familiar with the Equipment to assist Buyer to install the Equipment at the New Britain Facility and ensure the Equipment is fully operational, which

installation and related testing shall be performed by the Buyer at its own expense. The Equipment and the installation assistance of the Seller contemplated under this Section 7.18 shall be provided to the Buyer at the Seller's sole cost and expense.

7.19 Removal of Lease Guaranties. The Buyer shall cooperate in good faith with the Seller to secure, effective as of the Closing or as soon as reasonably practicable, the termination and release of the Morganite Lease Guaranties and the replacement of such guaranties by substitute guaranties to be provided by CW, which shall be the same in form in all material respects as the existing Morganite Lease Guaranties. To the extent that any of the lessors under the Connecticut Lease, the Minnesota Lease or the California Lease refuses to release any of the respective guaranties despite the parties' good faith efforts, the Buyer shall indemnify the Seller Indemnitees (including Morganite) for all liabilities and obligations incurred relating to or arising out of matters occurring after the Closing in respect of the such guaranties.

7.20 Performance of Warranty Work.

(a) From and after the Closing, the Buyer agrees to perform, as the Seller's subcontractor, any warranty service work related to products coated or services performed by the Seller prior to the Closing (to the extent not constituting an Assumed Liability) (the "Warranty Work"). The Seller and the Buyer shall consult with each other regarding the nature of the Warranty Work that may be required from time to time. The Buyer shall invoice the Seller monthly for any Warranty Work performed by the Buyer that does not constitute an Assumed Liability (other than to the extent that any warranty reserve reflected on the Closing Balance Sheet has not heretofore been applied) and the Seller shall pay such invoices within thirty (30) days after receipt thereof. The Buyer shall not charge the Seller an amount greater than the Buyer's direct labor and material costs for any Warranty Work performed pursuant to this Section 7.20.

(b) In the event that a customer of the Business shall offer Buyer the option of giving a credit, taking a set-off or performing Repair Obligations, the parties shall consult with respect to such choice, taking into consideration the relative cost and detriment to Buyer of performing such Repair Obligations as compared with the cost and detriment to Seller of reimbursing Buyer for such credit given or set-off taken, and in such event Buyer shall obtain the consent of Seller to the giving of such credit or taking of such set-off rather than performing such Repair Obligation, which consent shall not be unreasonably withheld or delayed.

7.21 Handling of Receivables.

(a) Not later than Friday of each week following the Closing, the Buyer will pay over to the Seller the full amount of any payments received by the Buyer during the week next preceding such week from present or former customers of the Business in respect of any Receivables, along with an accounting of the amounts so received, the name(s) of the paying debtor(s) and, to the extent known, the invoice(s) to which such payments relate, as well as the amounts and name(s) of the paying debtors with respect to any payments that have not yet been specified to a particular invoice or receivable by the customer, provided that, after the sixth month following the Closing, such reports shall only be required with respect to weeks in which the Seller has received payments on account of any Receivables.

(b) No later than Friday of each week following the Closing, the Seller will pay over to the Buyer the full amount of any payments received by the Seller during the week next preceding such week from present or future customers of the Business in respect of any accounts receivable arising following the Closing from the Buyer's conduct of the Business, along with an accounting of the amounts so received, the name(s) of the paying debtor(s) and, to the extent known, the invoice(s) to which such payments relate, as well as the amounts and name(s) of the paying debtors with respect to any payments that have not yet been specified to a particular invoice or receivable by the customer, provided that, after the sixth month following the Closing, such reports shall only be required with respect to weeks in which the Buyer has actually received payments on account of any post-Closing accounts receivable.

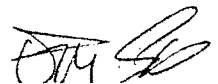
(c) For purposes of this Section 7.21, any remittance received from a customer of the Business will be treated as payment (i) first, in respect of the invoice(s) specified by the customer tendering such payment, (ii) second, in the event that no invoice(s) are so specified by the customer tendering payment at the time of such payment, as specified by such customer after due inquiry by either Buyer or Seller, and (iii) third, if and only if the customer shall not have made any such specification to either Buyer or Seller within a period of sixty (60) days from the date of such payment, then, after such period, in respect of the oldest outstanding invoices issued to such customer.

(d) The client relationships in the Business, including collections responsibilities, have generally been handled by the employees at the Facilities. Accordingly, for a period of six months following the Closing, the Buyer will make available such of the Seller's former employees engaged in the Business that remain employed by the Buyer for purposes of providing such assistance as the Seller may reasonably request in collecting the Receivables, consistent with their past practices, provided that such assistance shall not require the Buyer to make any out-of-pocket expenditures or unreasonably interfere with the performance by such employees of their duties on behalf of the Buyer.

(e) For a period not to exceed nine (9) months from the Closing Date, each party will render to the other party and its authorized representatives reasonable cooperation and will afford reasonable access during normal business hours to all its books, records and data relating to the payments received by such party from present or former customers of the Business for the purpose of enabling the other party to verify such party's compliance with its obligations under this Section 7.21.

(f) Seller agrees to provide Buyer, on a weekly basis, with an updated detailed accounts receivable aging report reflecting the current status of all outstanding accounts receivable balances that existed as of the Closing Date. This weekly report shall continue for a period of 90 days after Closing or until all such amounts have been collected, whichever is later.

(g) Buyer agrees not to instruct any customer of the Business to pay any invoice in respect of a Receivable to any lock-box account or address other than that specified by Seller from time to time, and, in response to any inquiries from customers of the Business regarding payment on account of any Receivables, to direct them to make payment in accordance with Seller's instructions. Buyer shall be entitled to instruct customers of the



Business to pay any invoices in respect of receivables arising after the Closing to such lock-box account or address as Buyer may determine.

7.22 Permit Notifications. Promptly following the execution and delivery of this Agreement, the Buyer shall make the notifications or other filings with respect to the Material Permits identified on **Schedule 5.4.1(a)** that are required to be made prior to the Closing. The Buyer shall use its reasonable best efforts to terminate any applicable notice or other waiting periods early.

ARTICLE 8

TERMINATION

8.1 Termination of Agreement. Notwithstanding anything herein to the contrary, this Agreement and the transactions contemplated hereby may be terminated by the Buyer or the Seller if the Closing does not occur on or before the close of business on April 4, 2003; *provided that* if the condition in Section 9.6 of this Agreement has not been satisfied or waived on or before such date, than the Seller may, by written notice to the Buyer, extend such date by an additional thirty (30) days, and *provided, further, that* the party seeking to terminate this Agreement pursuant to the preceding sentence shall, on the date of such termination, not be in material breach of any of its obligations hereunder. In addition, this Agreement and the transactions contemplated hereby may be terminated at any time before the Closing as follows:

8.1.1 Mutual Consent. By mutual consent in writing of the Buyer and the Seller.

8.1.2 Conditions to the Buyer's Performance Not Met. By the Buyer, on written notice to the Seller, if events occur or conditions exist which would render impossible the satisfaction of one or more conditions to the obligation of the Buyer to consummate the transactions contemplated by this Agreement as set forth in **Article 9**.

8.1.3 Conditions to the Seller's Performance Not Met. By the Seller, on written notice to the Buyer, if events occur or conditions exist which would render impossible the satisfaction of one or more conditions to the obligations of the Seller to consummate the transactions contemplated by this Agreement as set forth in **Article 10**.

8.2 Effect of Termination. In the event that this Agreement shall be terminated pursuant to **Section 8.1**, all further obligations of the parties under this Agreement shall terminate; *provided that* the provisions of **Section 13.1** shall survive any such termination.

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ARTICLE 9

CLOSING CONDITIONS OF THE BUYER

The obligations of the Buyer to consummate the transactions contemplated by this Agreement to occur at the Closing are subject to the satisfaction on or prior to the Closing Date of each of the following conditions, any one or more of which may be waived by the Buyer:

9.1 Representations, Warranties and Covenants of the Seller. (i) All of the representations and warranties made by the Seller in this Agreement and in the other certificates, agreements or instruments which the Seller has executed and delivered in connection with this Agreement shall be true and correct in all material respects, as of the date hereof and as of the Closing Date, except to the extent such representations and warranties expressly speak as of an earlier date; and (ii) the Seller shall have performed and complied in all material respects with all agreements and covenants required by this Agreement to be performed by it on or prior to the Closing Date. At the Closing there shall be delivered to the Buyer a certificate signed by an officer of the Seller certifying as to the satisfaction of clauses (i) and (ii) of this **Section 9.1**.

9.2 No Injunction, Etc. No action or proceeding shall be pending before any Governmental Authority (i) to enjoin, restrain or prohibit the consummation of the transactions contemplated hereby or (ii) which if adversely decided would reasonably be expected to have a Material Adverse Effect.

9.3 The Seller's Deliveries. At the Closing, there shall be delivered to the Buyer the following:

9.3.1 a bill of sale and assignment agreement substantially in the form attached as Exhibit E;

9.3.2 a certificate of the Secretary or an Assistant Secretary of the Seller, dated as of the Closing Date, certifying to: (i) its Certificate of Incorporation and Bylaws; (ii) corporate resolutions approving the execution, delivery and performance of this Agreement and the Additional Agreements and the consummation of the transactions contemplated hereby and thereby; and (iii) the incumbency of its officers authorized to execute and deliver this Agreement, the Additional Agreement and any related documents;

9.3.3 the License Agreements, the Supply Agreement and the Transition Services Agreement, duly executed on behalf of the Seller;

9.3.4 those third-party consents identified on **Schedule 9.3.4**;

9.3.5 documentation that all required state tax clearances identified on **Schedule 9.3.5** have been obtained; and

9.3.6 such other closing certificates, instruments and other documents, in form and substance satisfactory to the Buyer and its counsel, as they shall have reasonably requested in connection with the transactions contemplated hereby.

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9.4 Morganite Guaranty. The Morganite Guaranty shall be in full force and effect.

9.5 Material Adverse Change. Since the date of the latest balance sheet included in the Financial Statements, there has been no change, effect, event or occurrence that either individually, or in the aggregate with all other related changes, effects, events or occurrences (i) is or would reasonably be expected to be materially adverse to the properties, assets, financial condition or results of operations of the Business conducted at each Facility, considered individually, or (ii) would materially impair the ability of the Seller to consummate the transactions contemplated by this agreement.

9.6 Permits. All notifications or other filings with respect to the Material Permits identified on **Schedule 5.4.1(a)** that are required to be made prior to Closing shall have been made and any required notice or other waiting periods shall have expired, except where the expiration of such periods would not reasonably be expected to have a Material Adverse Effect. This condition shall be deemed waived if the Buyer fails to make such notifications or other filings within ten (10) days after the execution and delivery of this Agreement.

ARTICLE 10

CLOSING CONDITIONS OF THE SELLER

The obligations of the Seller to consummate the transactions contemplated by this Agreement to occur at the Closing are subject to the satisfaction on or prior to the Closing Date of each of the following conditions, any one or more of which may be waived by the Seller:

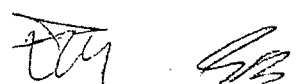
10.1 Representations, Warranties and Covenants of the Buyer. (i) All of the representations and warranties made by the Buyer in this Agreement and in the other certificates, agreements or instruments which the Buyer has executed and delivered in connection with this Agreement shall be true and correct in all material respects, as of the date hereof and as of the Closing Date, except to the extent such representations and warranties expressly speak as of an earlier date; and (ii) the Buyer shall have performed and complied in all material respects with all agreements and covenants required by this Agreement to be performed by it on or prior to the Closing Date. At the Closing there shall be delivered to the Seller a certificate signed by an officer of the Buyer certifying as to the satisfaction of clauses (i) and (ii) of this **Section 10.1**.

10.2 No Injunction, Etc. No action or proceeding shall be pending before any Governmental Authority to enjoin, restrain or prohibit the consummation of the transactions contemplated hereby.

10.3 The Buyer's Deliveries. At the Closing, there shall be delivered to the Seller the following:

10.3.1 The Estimated Cash Consideration and the instrument of assumption contemplated by **Section 3.3**, duly executed on behalf of the Buyer;

10.3.2 a certificate of the Secretary or an Assistant Secretary of the Buyer, dated as of the Closing Date, certifying to: (i) the Certificate of Incorporation and Bylaws; (ii)



corporate resolutions approving the execution, delivery and performance of this Agreement and the Additional Agreements and the consummation of the transactions contemplated hereby and thereby; and (iii) the incumbency of the officers authorized to execute and deliver this Agreement, the Additional Agreements and any related documents;

10.3.3 the License Agreements, the Supply Agreement and the Transition Services Agreement, duly executed on behalf of the Buyer; and

10.3.4 such other closing certificates, instruments and other documents, in form and substance satisfactory to the Seller and its counsel, as they shall have reasonably requested in connection with the transactions contemplated hereby.

10.4 CW Guaranty. The CW Guaranty shall be in full force and effect.

ARTICLE 11

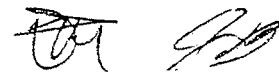
INDEMNIFICATION

11.1 Indemnification by the Seller. The Seller hereby agrees to indemnify, defend and hold harmless the Buyer and its affiliates, officers, directors, employees and agents (collectively, the "Buyer Indemnitees"), from and against, and will reimburse Buyer for, any and all Losses incurred by any of them, relating to or arising out of: (i) the inaccuracy or breach of any representation or warranty made by the Seller contained in this Agreement; (ii) any breach or nonperformance of any of the covenants or agreements made by the Seller in this Agreement; or (iii) the Excluded Liabilities or any other liability arising out of the ownership or operation of the Business by the Seller prior to the Closing, other than the Assumed Liabilities.

11.2 Indemnification by the Buyer. The Buyer hereby agrees to indemnify, defend and hold harmless the Seller and its affiliates, officers, directors, employees and agents (collectively, the "Seller Indemnitees"), from and against, and will reimburse the Seller for, any and all Losses incurred by any of them, relating to or arising out of: (i) the inaccuracy or breach of any representation or warranty made by the Buyer contained in this Agreement or any certificate or document delivered hereunder; (ii) any breach or nonperformance of any of the covenants or agreements made by the Buyer in this Agreement or any certificate or document delivered hereunder; (iii) the Assumed Liabilities; and (iv) the operation of the Business or ownership of the Assets after the Closing, except to the extent arising out of any matter subject to indemnification by the Seller pursuant to Section 11.1.

11.3 Limitations on Indemnification. Notwithstanding the provisions of Section 11.1, the Seller will not be liable for any Losses pursuant to the provisions of Section 11.1(i) hereof unless and until such Losses exceed \$100,000 in the aggregate, and then only to the extent that such Losses exceed such amount.

11.3.1 Notwithstanding any provision herein to the contrary, the total liability of the Seller to indemnify in respect of Losses pursuant to the provisions of Section 11.1 shall be limited to \$14,250,000.



11.3.2 Any claim by a Buyer Indemnitee or a Seller Indemnitee for indemnification under **Section 11.1** or **11.2** hereof must be asserted in the case of such claims arising out of or relating or attributable to any inaccuracy or breach of any representation or warranty made by the Buyer or Seller in this Agreement, on or before the second year anniversary of the Closing Date (except in the event of any claim arising out of any fraudulent act, in which event such claim must be asserted on or before the fifth year anniversary of the Closing Date), *provided that* notwithstanding anything contained above, in the case of such claims arising out of or relating or attributable to any inaccuracy or breach of any representation or warranty made by the Seller under the last sentence of **Section 5.6** and the last sentence of **Section 5.7.5**, such claims must be asserted on or before the sixty-day anniversary of the Closing Date, *provided that* any such survival period shall be extended automatically to include any time period necessary to resolve a claim for indemnification which was made prior to the expiration of the relevant survival period but not resolved prior to its expiration, but any such extension shall apply only as to the claims asserted and not so resolved within the applicable survival period.

11.3.3 Notwithstanding any other provision hereof, to the extent that any fact, situation or condition is taken into account in the calculation of the Working Capital Adjustment under **Section 3.3** hereof and is also a potential ground for indemnification under **Section 11.1** hereof, such fact, situation or condition shall not be a ground for indemnification if previously taken into account in the final determination of the Final Adjustment Amount.

11.4 Procedures.

11.4.1 If any claim for Losses subject to indemnification under **Article 11** that does not relate to a claim or action by a third party arises or becomes known after the date hereof, the Person asserting entitlement to such indemnification (the "**Indemnified Party**") shall promptly provide written notice thereof to the party with the alleged obligation to indemnify (the "**Indemnifying Party**").

11.4.2 Promptly after the receipt by an Indemnified Party of notice of (i) any claim or (ii) the commencement of any action or proceeding which may entitle such party to indemnification under this **Article 11**, the Indemnified Party shall give the Indemnifying Party written notice of the nature and amount of such claim or the commencement of such action or proceeding and shall permit the Indemnifying Party to assume the defense of any such claim, action or proceeding.

11.4.3 If the Indemnifying Party assumes the defense of any such claim, action or proceeding, the Indemnified Party may participate, at its expense, in the defense of such claim, action or proceeding, *provided that* the Indemnifying Party shall direct and control the defense or settlement of such claim, action or proceeding. The Indemnified Party shall cooperate and make available all books and records and personnel reasonably necessary and useful in connection with the defense. The Indemnifying Party shall not, in the defense of such claim, action or proceeding, consent to entry of any judgment or enter into any settlement, except with the written consent of the Indemnified Party (not to be unreasonably withheld), if the same does not include as an unconditional term thereof the giving by the claimant or the plaintiff to the Indemnified Party of a release from all liability in respect of such claim, action or proceeding.

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11.4.4 If the Indemnifying Party does not assume the defense of any such claim, action or proceeding resulting therefrom or fails to defend any such claim, the Indemnified Party may defend against such claim or litigation in such manner as it may deem appropriate. However, the Indemnified Party may not compromise or settle such claim, action or proceeding without the Indemnifying Party's consent (not to be unreasonably withheld).

11.5 Sole Remedy. The provisions of this Article XI shall provide the sole and exclusive remedy of the Buyer Indemnitees and the Seller Indemnitees for any claim under or in respect of this Agreement, including, without limitation, any claim for breach of any obligation, covenant, agreement or representation in this Agreement, in any Schedule attached to this Agreement or in any certificate executed and delivered by either party pursuant to this Agreement, and shall preclude the assertion of any other right or remedy in connection therewith. Notwithstanding the foregoing, this Section 11.5 shall not be construed to preclude either party from asserting any claim for specific performance of this Agreement.

11.6 Subrogation. In the event that an Indemnifying Party makes any indemnification payment to an Indemnified Party, which payment is a result of the failure or refusal of a third party to perform some obligation owed to the Indemnified Party, the Indemnified Party agrees to assign to the Indemnifying Party all of the right, title and interest of the Indemnified Party in and to such obligation of such third party.

ARTICLE 12

REPRESENTATIONS, WARRANTIES AND COVENANTS OF PARENT

12.1 Representations and Warranties. The Parent hereby makes the following representations and warranties to the Buyer as of the Date hereof and again as of the Closing Date:

12.1.1 Financial Statements. A true, correct and complete copy of the unaudited consolidated balance sheet (the "Morganite Balance Sheet") for Morganite as of January 4, 2002 (the "Morganite Balance Sheet Date") is attached hereto as Schedule 12.1.1. Except for the omission of notes required by GAAP and as otherwise described on Schedule 12.1.1, the Morganite Balance Sheet has been prepared in accordance with GAAP, consistently applied. The Morganite Balance Sheet fairly presents in all material respects the financial condition of Morganite at the Morganite Balance Sheet Date. There has been no material change in the total assets, total liabilities or tangible net worth of Morganite (as calculated in accordance with GAAP) from that shown on the Morganite Balance Sheet since the Morganite Balance Sheet Date.

12.2 Covenants. The Parent agrees to cause Morganite to at all times maintain sufficient net worth so as to be able to perform its obligations under the Morganite Guaranty.

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ARTICLE 13

OTHER PROVISIONS

13.1 Expenses. Except as otherwise set forth herein, each party hereto shall be solely responsible for all costs and expenses incurred by it in connection with the negotiation, preparation and performance of, and compliance with, this Agreement and the transactions contemplated hereby.

13.2 Benefit and Assignment. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and permitted assigns. There are no third-party beneficiaries of this Agreement, and this Agreement shall not be construed so as to confer any right or benefit upon any Person, other than the parties hereto and their respective successors and permitted assigns. Neither party may voluntarily or involuntarily assign or transfer its interest under this Agreement without the prior written consent of each of the other party hereto, except that the Buyer may assign it to an affiliate, *provided that* the Buyer shall remain liable for any performance due under this Agreement or the Additional Agreements, and any other attempted assignment in violation hereof shall be null and void.

13.3 Entire Agreement. This Agreement, the Schedules and the Exhibits hereto embody the entire agreement and understanding of the parties with respect to the subject matter hereof and supersede any and all prior agreements, arrangements and understandings relating to the matters provided for herein, other than the Confidentiality Agreement, which will remain in full force and effect in accordance with its terms. In the event of a conflict between the terms of this Agreement and any other agreement executed in connection herewith, the terms of this Agreement shall prevail. No amendment, waiver of compliance with any provision or condition hereof or consent pursuant to this Agreement shall be effective unless evidenced by an instrument in writing signed by the party against whom enforcement of such amendment, waiver or consent is sought.

13.4 Headings. The headings set forth in this Agreement are for convenience only and will not control or affect the meaning or construction of the provisions of this Agreement.

13.5 Governing Law. The construction and performance of this Agreement shall be governed by the laws of the State of New Jersey, without giving effect to any choice of law provisions thereof that would result in the application of the laws of any other state.

13.6 Interpretation. The parties have participated jointly in the negotiation and drafting of this Agreement. In the event of any alleged ambiguity, or if any question of intent or interpretation arises, this Agreement shall be construed as if drafted jointly by the parties and no presumption or burden of proof shall arise favoring or disfavoring either party by virtue of the authorship of any of the provisions of this Agreement.

13.7 Notices. Any notices, requests, demands, claims and other communications hereunder shall be in writing, and shall be deemed duly given: (i) if personally delivered, when so delivered; (ii) if mailed, five (5) Business Days after having been sent by first class, registered or certified U.S. mail, return receipt requested, postage prepaid and addressed to the intended

recipient as set forth below; (iii) if given by telecopier, once such notice or other communication is transmitted to the telecopier number specified below, *provided that* (x) the sending telecopier generates a transmission report showing successful completion of such transaction; and (y) if such telecopy is sent after 5:00 p.m. local time at the location of the receiving telecopier, or is sent on a day other than a Business Day, such notice or communication shall be deemed to given as of 9:00 a.m. local time at such location on the next succeeding Business Day; or (iv) if sent through a nationally-recognized overnight delivery service which guarantees next day delivery, the Business Day following its delivery to such service in time for next day delivery:

If to the Seller:

Morgan Chemical Products, Inc.
c/o Morganite Industries Inc.
4000 West Chase Blvd.
Raleigh, North Carolina 27607
Attention: President
Telecopier No.: (919) 821-5154

With a copy to:

Kilpatrick Stockton LLP
Suite 2800
1100 Peachtree Street
Atlanta, Georgia 30309-4530
Attention: Richard Cicchillo, Jr.
Telecopier No.: (404) 541-3156

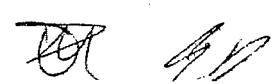
If to the Buyer:

Metal Improvement Company, Inc.
10 Forest Avenue
Paramus, New Jersey 07652
Attention: President
Telecopier No.: (201) 843-3460

With a copy to:

Curtiss-Wright Corporation
4 Becker Farm Road
Roseland, New Jersey 07068
Attention: General Counsel
Telecopier No.: (973) 596-4798

Any party may change the address to which notices, requests, demands, claims and other communications hereunder are to be delivered by giving the other parties notice in the manner herein set forth.



13.8 Counterparts. This Agreement may be executed in one or more counterparts or counterpart signature pages, each of which will be deemed an original and all of which together will constitute one and the same instrument.

13.9 Severability. In case any one or more of the provisions contained herein for any reason shall be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision of this Agreement, but this Agreement shall be construed as if such invalid, illegal or unenforceable provision or provisions had never been contained herein.

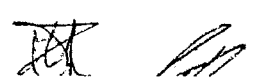
13.10 Waiver. No failure to exercise nor any delay in exercising on the part of either party any right, power or privilege hereunder or at law or in equity shall operate as a waiver thereof, nor shall any single or partial exercise of any such right, power or privilege preclude any other or further exercise thereof or the exercise of any other right, power or privilege.

13.11 Exhibits and Schedules. The Exhibits and Schedules hereto shall be construed with and as an integral part of this Agreement to the same effect as if the contents thereof had been set forth verbatim herein. Any matter referenced or disclosed in any schedule to this Agreement shall be deemed to have been disclosed on all schedules or sections of the schedules to this Agreement, so long as the relevance to such other schedules or sections of the schedules is reasonably apparent on the face of such reference or disclosure. The Buyer acknowledges (i) that disclosure of a matter in response to a representation and warranty containing materiality or other qualifications or limitations does not constitute a representation, warranty or acknowledgment by the Seller that such matter is material or otherwise falls within such qualifications or limitations, and (ii) that the Seller shall be entitled at any time to contend such disclosure was not required. No reference on any given Schedule to any agreement or document shall be construed as an admission or indication that such agreement or document is enforceable or currently in effect or that there are any obligations remaining to be performed or any rights that may be exercised under such agreement or document. No disclosure on any given Schedule relating to any possible breach or violation of any agreement, law or regulation shall be construed as an admission or indication that any such breach or violation exists or has actually occurred.

13.12 Arbitration.

13.12.1 Any controversy or claim arising out of or relating to this Agreement or any Schedule or Exhibit hereto or the transactions contemplated hereby, any breach hereof, or relating to the intent, interpretation, performance, enforcement or arbitrability of any provision hereof, shall be settled by binding arbitration in Atlanta, Georgia by a panel of three arbitrators in accordance with the rules for commercial arbitration of the American Arbitration Association then in effect (subject to any contrary provision in this Agreement). Judgment upon the award rendered by the foregoing arbitrators shall be final and may be entered in any court having jurisdiction thereof.

13.12.2 The arbitrators shall be business lawyers familiar with merger and acquisition and related transactions. The award(s) of the arbitrators shall be in writing, shall



state the reasons therefore and be submitted to the parties to such dispute, and shall require the concurrence of at least two (2) members of the panel.

13.12.3 Each party shall be solely responsible for any expenses (including attorneys' fees and disbursements, court costs and expert witness fees) incurred by it or on its behalf in investigating and enforcing any rights under this Agreement, and the Seller, on the one hand, and the Buyer, on the other, shall bear one-half of the fees and expenses of the arbitrators in connection with any such proceeding.

13.12.4 The parties shall facilitate the arbitration by: (i) making available to one another and to the arbitrators for examination and inspection all documents, books, records and personnel under their control and reasonably available to them if determined by the arbitrators to be relevant to and required to resolve the dispute (except to the extent privileged); (ii) conducting arbitration hearings to the extent reasonably practicable on successive days; and (iii) using their commercially reasonable efforts to observe the time periods established by the arbitrators for submission of evidence or briefs.

13.13 Confidentiality

(a) As used in this Section 13.13, the term "**Buyer Confidential Information**" includes any and all of the following information that is possessed by Buyer after the Closing Date, that has been or may hereafter be disclosed by the Seller or its representatives to the Buyer or its representatives prior to the Closing Date or title to which shall have been transferred to Buyer effective as of the Closing pursuant hereto:

(i) all technical, business or other proprietary information included in the Assets;

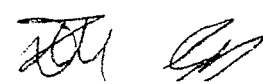
(ii) all information that constitutes the Transferred Intellectual Property; and

(iii) all information that constitutes the Purchased Records.

(b) As used in Section 13.13, the term "**Seller Confidential Information**" includes any and all technical, business or other proprietary information relating to the Seller or any of its affiliates that has been or may hereafter be delivered or disclosed by the Seller or its representatives to the Buyer or its representatives prior to the Closing Date. For the avoidance of doubt, "Seller Confidential Information" includes any and all confidential information related to the Development Business, which shall under no circumstances be deemed to be Buyer Confidential Information.

(c) As used in Section 13.13(d) through (f), inclusive, the term "**Confidential Information**" shall mean the Buyer Confidential Information or the Seller Confidential Information, as applicable.

(d) From and after the Closing, each party agrees to keep confidential all Confidential Information of the other party and not to disclose any such Confidential Information to any third party in any manner whatsoever. Each party shall be responsible for



ensuring that its employees treat all Confidential Information of the other party in accordance with this Section.

(e) The obligations of confidentiality set forth in paragraph (d) above shall not apply to information that:

(i) Is or becomes publicly known through no fault of the party subject to such obligation of confidentiality (the "**Restricted Party**") or its employees;

(ii) was revealed to the Restricted Party by a third party who is not subject to a contractual or fiduciary obligation to the other party or any of its affiliates to treat such information as confidential;

(iii) was independently developed by employees or agents of the Restricted Party without use of any Confidential Information of the other party and without breach of any other obligation owed to such other party; or

(iv) is required to be disclosed by a valid order or subpoena issued by a court or administrative agency of competent jurisdiction.

In the event of an order or subpoena or similar legal requirement to disclose all or any part of the Confidential Information of the other party, the party subject to such order or subpoena or similar legal requirement agrees to immediately to notify the other party of the existence, terms and circumstances surrounding such order or subpoena or similar legal requirement, and to provide the other party with a reasonable period of time in which to seek a protective order or other appropriate remedy. In the event that such protective order or other remedy is not obtained or that the party whose Confidential Information is to be disclosed waives compliance with the provisions hereof, the party required to disclose the Confidential Information of the other party may disclose to the tribunal or other competent body or person requiring disclosure only that portion of the other party's Confidential Information which such subject party is advised by its counsel is legally required to be disclosed, and shall exercise its commercially reasonable efforts (which shall not require making any payments) to obtain assurance that confidential treatment will be accorded such Confidential Information of the other party.

(f) Each party acknowledges that disclosure or threatened disclosure of any Confidential Information of the other party in violation of this Section shall immediately give rise to continuing irreparable injury to the other party inadequately compensable in damages at law, and, without prejudice to any other remedy available to the other party, shall entitle such other party to injunctive or other equitable relief. The confidentiality obligations contained in this Section 13.13 shall continue for a period of five (5) years from and after the Closing Date. With respect to any Confidential Information that constitutes a trade secret under applicable law, such obligations shall continue for as long as such Confidential Information continues to constitute a trade secret.


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IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date and year first above written.


BUYER:

METAL IMPROVEMENT COMPANY, INC.

By: 
Name: Edward Bleas
Title: President


SELLER:

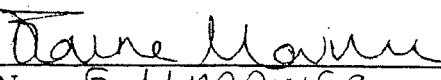
MORGAN CHEMICAL PRODUCTS, INC.

By: 
Name: E. HARRNER
Title: _____

PARENT:

THE MORGAN CRUCIBLE COMPANY plc
(with respect to Article 12 only)

By: 
Name: N. G. HOWARD
Title: DIRECTOR

By: 
Name: E. HARRNER
Title: Assistant Company Secretary

**EXHIBIT A
TO
ASSET PURCHASE AGREEMENT**

Assumption Agreement

See Executed Document at Tab 7

**EXHIBIT B-1
TO
ASSET PURCHASE AGREEMENT**

License Agreement (E/M Mark)

See Executed Document at Tab 8

**EXHIBIT B-2
TO
ASSET PURCHASE AGREEMENT**

License Agreement (Product and Process Names))

See Executed Document at Tab 9

**EXHIBIT C
TO
ASSET PURCHASE AGREEMENT**

Supply Agreement

See Executed Document at Tab 10

**EXHIBIT D
TO
ASSET PURCHASE AGREEMENT**

Transition Services Agreement

See Executed Document at Tab 11

**EXHIBIT E
TO
ASSET PURCHASE AGREEMENT**

Bill of Sale and Assignment

See Executed Documents at Tabs 12 and 13



STANDARD OFFER, AGREEMENT AND ESCROW INSTRUCTIONS FOR PURCHASE OF REAL ESTATE (Non-Residential)

American Industrial Real Estate Association

January 29, 2002
(Date for Reference Purposes)

1. Buyer.

1.1 JOEL SAIMAN and/or NOMINEE, ("Buyer")
hereby offers to purchase the real property, hereinafter described, from the owner thereof ("Seller") (collectively, the "Parties" or individually, a "Party"),
through an escrow ("Escrow") to close on On or before April 26, 2002
("Expected Closing Date") to be held by Cordero Escrow, Attn: Lily ("Escrow Holder")
whose address is 17724 Sherman Way, Reseda, CA 91335

, Phone No. 818-881-3090, Facsimile No. 818-881-9023

upon the terms and conditions set forth in this agreement ("Agreement"). Buyer shall have the right to assign Buyer's rights hereunder, but any such assignment shall not relieve Buyer of Buyer's obligations herein unless Seller expressly releases Buyer.

1.2 The term "Date of Agreement" as used herein shall be the date when by execution and delivery (as defined in paragraph 20.2) of this document or a subsequent counteroffer thereto, Buyer and Seller have reached agreement in writing whereby Seller agrees to sell, and Buyer agrees to purchase, the Property upon terms accepted by both Parties.

2. Property.

2.1 The real property ("Property") that is the subject of this offer consists of (insert a brief physical description) a complex of three
(3) buildings totalling approximately 30,650 sq.ft. situated on approximately 56,994
sq.ft. of industrial land zoned M2.
is located in the City of North Hollywood, County of Los Angeles,
State of California, is commonly known by the street address of 6928-38 Farndale Avenue, North
Hollywood, CA 91605
and is legally described as: To be provided in escrow by title.

(APN: 2320-002-001/2320-002-002).

2.2 If the legal description of the Property is not complete or is inaccurate, this Agreement shall not be invalid and the legal description shall be completed or corrected to meet the requirements of Chicago Title - Brad Golden
("Title Company"), which shall issue the title policy hereinafter described.

2.3 The Property includes, at no additional cost to Buyer, the permanent improvements thereon, including those items which the pursuant to applicable law are a part of the property, as well as the following items, if any, owned by Seller and at present located on the Property: electrical distribution systems (power panel, bus ducting, conduits, disconnects, lighting fixtures); telephone distribution systems (lines, jacks and connections only); space heaters; heating, ventilating, air conditioning equipment ("HVAC"); air lines; fire sprinkler systems; security and fire detection systems; carpets; window coverings; wall coverings; and

(collectively, the "Improvements").

2.4 The fire sprinkler monitor: ☒ is owned by Seller and included in the Purchase Price, or ☐ is leased by Seller, and Buyer will need to negotiate a new lease with the fire monitoring company.

2.5 Except as provided in Paragraph 2.3, the Purchase Price does not include Seller's personal property, furniture and furnishings, and

3. Purchase Price.

3.1 The purchase price ("Purchase Price") to be paid by Buyer to Seller for the Property shall be
\$1,379,250.00, payable as follows:

- (a) Cash down payment, including the Deposit as defined in paragraph 4.3 (or if an all cash transaction, the Purchase Price): \$551,700.00
- (Strike if not applicable) (b) Amount of "New Loan" as defined in paragraph 5.1, if any: \$827,550.00
- (c) ~~Buyer shall take title to the Property subject to the following existing deed(s) of trust ("Existing Deed(s) of Trust") securing the existing promissory note(s) ("Existing Note(s)):~~
- (i) ~~An Existing Note ("First Note") with an unpaid principal balance as of the~~
~~Closing of approximately: \$~~
~~Said First Note is payable at \$ per month,~~
~~(Strike if not applicable) including interest at the rate of % per annum until paid (and/or the~~
~~entire unpaid balance is due on)~~
- (ii) ~~An Existing Note ("Second Note") with an unpaid principal balance as of the~~
~~Closing of approximately: \$~~
~~Said Second Note is payable at \$ per month,~~
~~including interest at the rate of % per annum until paid (and/or the~~
~~entire unpaid balance is due on)~~
- (Strike if not applicable) (d) ~~Buyer shall give Seller a deed of trust ("Purchase Money Deed of Trust") on the~~
~~Property, to secure the promissory note of Buyer to Seller described in paragraph 6.~~
~~("Purchase Money Note") in the amount of: \$~~

Total Purchase Price: \$1,379,250.00

3.2 If Buyer is taking title to the Property subject to, or assuming, an Existing Deed of Trust and such deed of trust permits the beneficiary to demand payment of fees including, but not limited to, points, processing fees, and appraisal fees as a condition to the transfer of the Property, Buyer

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agrees to pay such fees up to a maximum of 1.5% of the unpaid principal balance of the applicable Existing Note.

4. Deposits.

4.1 ☐ Buyer has delivered to Broker a check in the sum of \$ _____, payable to Escrow Holder, to be held by Broker until both Parties have executed this Agreement and the executed Agreement has been delivered to Escrow Holder, or ☒ Buyer shall deliver to Escrow Holder a check in the sum of \$ \$25,000.00 when both Parties have executed this Agreement and the executed Agreement has been delivered to Escrow Holder. When cashed, the check shall be deposited into the Escrow's trust account to be applied toward the Purchase Price of the Property at the Closing. Should Buyer and Seller not enter into an agreement for purchase and sale, Buyer's check or funds shall, upon request by Buyer, be promptly returned to Buyer.

4.2 Additional deposits:

(a) Within 5 business days after the Date of Agreement, Buyer shall deposit with Escrow Holder the additional sum of \$ N/A to be applied to the Purchase Price at the Closing.

(b) Within 5 business days after the contingencies discussed in paragraph 9.1 (a) through (k) are approved or waived, Buyer shall deposit with Escrow Holder the additional sum of \$ 75,000.00 to be applied to the Purchase Price at the Closing.

4.3 Escrow Holder shall deposit the funds deposited with it by Buyer pursuant to paragraphs 4.1 and 4.2 (collectively the "Deposit"), in a State or Federally chartered bank in an interest bearing account whose term is appropriate and consistent with the timing requirements of this transaction. The interest therefrom shall accrue to the benefit of Buyer, who hereby acknowledges that there may be penalties or interest forfeitures if the applicable instrument is redeemed prior to its specified maturity. Buyer's Federal Tax Identification Number is TBD. NOTE: Such interest bearing account cannot be opened until Buyer's Federal Tax Identification Number is provided.

5. Financing Contingency. (Strike if not applicable)

5.1 This offer is contingent upon Buyer obtaining from an insurance company, financial institution or other lender, a commitment to lend to Buyer a sum equal to at least 60 % of the Purchase Price, at terms reasonably acceptable to Buyer. Such loan ("New Loan") shall be secured by a first trust or mortgage on the Property, if this Agreement provides for Seller to carry back junior financing, then Seller shall have the right to approve the terms of the New Loan. Seller shall have 7 days from receipt of the commitment setting forth the proposed terms of the New Loan to approve or disapprove of such proposed terms. If Seller fails to notify Escrow Holder, in writing, of the disapproval within said 7 days it shall be conclusively presumed that Seller has approved the terms of the New Loan.

5.2 Buyer hereby agrees to diligently pursue obtaining the New Loan. If Buyer shall fail to notify its Broker, Escrow Holder and Seller, in writing within 60 days following the Date of Buyers receipt of an Environmental Report, Agreement, that the New Loan has not been obtained, it shall be conclusively presumed that Buyer has either obtained said New Loan or has waived this New Loan contingency.

5.3 If, after due diligence, Buyer shall notify its Broker, Escrow Holder and Seller, in writing, within the time specified in paragraph 5.2 hereof, that Buyer has not obtained said New Loan, this Agreement shall be terminated, and Buyer shall be entitled to the prompt return of the Deposit, plus any interest earned thereon, less only Escrow Holder and Title Company cancellation fees and costs, which Buyer shall pay.

6. Seller Financing (Purchase Money Note). (Strike if not applicable)

6.1 The Purchase Money Note shall provide for interest on unpaid principal at the rate of _____ % per annum, with principal and interest paid as follows: _____

_____. The Purchase Money Note and Purchase Money Deed of Trust shall be on the current forms commonly used by Escrow Holder, and be junior and subordinate only to the Existing Note(s) and/or the New Loan expressly called for by this Agreement.

6.2 The Purchase Money Note and/or the Purchase Money Deed of Trust shall contain provisions regarding the following (see also paragraph 10.3 (b)):

- (a) *Prepayment*. Principal may be prepaid in whole or in part at any time without penalty, at the option of the Buyer.
- (b) *Late Charge*. A late charge of 6% shall be payable with respect to any payment of principal, interest, or other charges, not made within 10 days after it is due.
- (c) *Due On Sale*. In the event the Buyer sells or transfers title to the Property or any portion thereof, then the Seller may, at Seller's option, require the entire unpaid balance of said Note to be paid in full.

6.3 If the Purchase Money Deed of Trust is to be subordinate to other financing, Escrow Holder shall, at Buyer's expense prepare and record on Seller's behalf a request for notice of default and/or sale with regard to each mortgage or deed of trust to which it will be subordinate.

6.4 **WARNING: CALIFORNIA LAW DOES NOT ALLOW DEFICIENCY JUDGEMENTS ON SELLER FINANCING. IF BUYER ULTIMATELY DEFAULTS ON THE LOAN, SELLER'S SOLE REMEDY IS TO FORECLOSE ON THE PROPERTY.**

7. Real Estate Brokers.

7.1 The following real estate broker(s) ("Brokers") and brokerage relationships exist in this transaction and are consented to by the Parties (check the applicable boxes):

- ☐ _____ represents Seller exclusively ("Seller's Broker");
- ☐ _____ represents Buyer exclusively ("Buyer's Broker"); or
- ☒ DELPHI BUSINESS PROPERTIES represents both Seller and Buyer ("Dual Agency").

The Parties acknowledge that Brokers are the procuring cause of this Agreement. See paragraph 24 for disclosures regarding the nature of a real estate agency relationship. Buyer shall use the services of Buyer's Broker exclusively in connection with any and all negotiations and offers with respect to the Property for a period of 1 year from the Date of Agreement.

7.2 Buyer and Seller each represent and warrant to the other that he/she/it has had no dealings with any person, firm, broker or finder in connection with the negotiation of this Agreement and/or the consummation of the purchase and sale contemplated herein, other than the Brokers named in paragraph 7.1, and no broker or other person, firm or entity, other than said Brokers is/are entitled to any commission or finder's fee in connection with this transaction as the result of any dealings or acts of such Party. Buyer and Seller do each hereby agree to indemnify, defend, protect and hold the other harmless from and against any costs, expenses or liability for compensation, commission or charges which may be claimed by any broker, finder or other similar party, other than said named Brokers by reason of any dealings or act of the indemnifying Party.


8. Escrow and Closing.

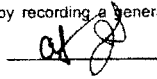
8.1 Upon acceptance hereof by Seller, this Agreement, including any counter-offers incorporated herein by the Parties, shall constitute not only the agreement of purchase and sale between Buyer and Seller, but also instructions to Escrow Holder for the consummation of the Agreement through the Escrow. Escrow Holder shall not prepare any further escrow instructions restating or amending the Agreement unless specifically so instructed by the Parties or a Broker herein. Subject to the reasonable approval of the Parties, Escrow Holder may, however, include its standard general escrow provisions.

8.2 As soon as practical after the receipt of this Agreement and any relevant counteroffers, Escrow Holder shall ascertain the Date of Agreement as defined in paragraphs 1.2 and 20.2 and advise the Parties and Brokers, in writing, of the date ascertained.

8.3 Escrow Holder is hereby authorized and instructed to conduct the Escrow in accordance with this Agreement, applicable law and custom and practice of the community in which Escrow Holder is located, including any reporting requirements of the Internal Revenue Code. In the event of a conflict between the law of the state where the Property is located and the law of the state where the Escrow Holder is located, the law of the state where the Property is located shall prevail.

8.4 Subject to satisfaction of the contingencies herein described, Escrow Holder shall close this escrow (the "Closing") by recording a General


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warranty deed (a grant deed in California) and the other documents required to be recorded, and by disbursing the funds and documents in accordance with this Agreement.

8.5 Buyer and Seller shall each pay one-half of the Escrow Holder's charges and Seller shall pay the usual recording fees and any required documentary transfer taxes. Seller shall pay the premium for a standard coverage owner's or joint protection policy of title insurance.

8.6 Escrow Holder shall verify that all of Buyer's contingencies have been satisfied or waived prior to Closing. The matters contained in paragraphs 9.1 subparagraphs (b), (c), (d), (e), (g), (i), (j), (n), and (o), 9.4, 9.5, 12, 13, 14, 16, 18, 20, 21, 22, and 24 are, however, matters of agreement between the Parties only and are not instructions to Escrow Holder.

8.7 If this transaction is terminated for non-satisfaction and non-waiver of a Buyer's Contingency, as defined in paragraph 9.2, then neither of the Parties shall thereafter have any liability to the other under this Agreement, except to the extent of a breach of any affirmative covenant or warranty in this Agreement. In the event of such termination, Buyer shall be promptly refunded all funds deposited by Buyer with Escrow Holder, less only Title Company and Escrow Holder cancellation fees and costs, all of which shall be Buyer's obligation.

8.8 The Closing shall occur on the Expected Closing Date, or as soon thereafter as the Escrow is in condition for Closing; provided, however, that if the Closing does not occur by the Expected Closing Date and said Date is not extended by mutual instructions of the Parties, a Party not then in default under this Agreement may notify the other Party, Escrow Holder, and Brokers, in writing that, unless the Closing occurs within 5 business days following said notice, the Escrow shall be deemed terminated without further notice or instructions.

8.9 Except as otherwise provided herein, the termination of Escrow shall not relieve or release either Party from any obligation to pay Escrow Holder's fees and costs or constitute a waiver, release or discharge of any breach or default that has occurred in the performance of the obligations, agreements, covenants or warranties contained therein.

8.10 If this Escrow is terminated for any reason other than Seller's breach or default, then at Seller's request, and as a condition to the return of Buyer's deposit, Buyer shall within 5 days after written request deliver to Seller, at no charge, copies of all surveys, engineering studies, soil reports, maps, master plans, feasibility studies and other similar items prepared by or for Buyer that pertain to the Property. Provided, however, that Buyer shall not be required to deliver any such report if the written contract which Buyer entered into with the consultant who prepared such report specifically forbids the dissemination of the report to others.

9. Contingencies to Closing.

9.1 The Closing of this transaction is contingent upon the satisfaction or waiver of the following contingencies. IF BUYER FAILS TO NOTIFY ESCROW HOLDER, IN WRITING, OF THE DISAPPROVAL OF ANY OF SAID CONTINGENCIES WITHIN THE TIME SPECIFIED THEREIN, IT SHALL BE CONCLUSIVELY PRESUMED THAT BUYER HAS APPROVED SUCH ITEM, MATTER OR DOCUMENT. Buyer's conditional approval shall constitute disapproval, unless provision is made by the Seller within the time specified therefore by the Buyer in such conditional approval or by this Agreement, whichever is later, for the satisfaction of the condition imposed by the Buyer. Escrow Holder shall promptly provide all Parties with copies of any written disapproval or conditional approval which it receives. With regard to subparagraphs (a) through (i) the pre-printed time periods shall control unless a different number of days is inserted in the spaces provided.

(a) *Disclosure.* Seller shall make to Buyer, through escrow, all of the applicable disclosures required by law (See American Industrial Real Estate Association ("AIR") standard form entitled "Seller's Mandatory Disclosure Statement") and provide Buyer with a completed Property Information Sheet ("Property Information Sheet") concerning the Property, duly executed by or on behalf of Seller in the current form or equivalent to that published by the AIR within 10 or 20 days following the Date of Agreement. Buyer has 10 days from the receipt of said disclosures to approve or disapprove the matters disclosed.

(b) *Physical Inspection.* Buyer has 10 or 30 days from the receipt of the Property Information Sheet or the Date of Agreement, whichever is later, to satisfy itself with regard to the physical aspects and size of the Property.

(c) *Hazardous Substance Conditions Report.* Buyer has 30 or _____ days from the receipt of the Hazardous Substance Condition Report ~~Property Information Sheet or the Date of Agreement, whichever is later~~, to satisfy itself with regard to the environmental aspects of the Property. Seller recommends that Buyer obtain a Hazardous Substance Conditions Report concerning the Property and relevant adjoining properties. Any such report shall be paid for by Seller ~~Buyer~~. A "Hazardous Substance" for purposes of this Agreement is defined as any substance whose nature and/or quantity of existence, use, manufacture, disposal or effect, render it subject to Federal, state or local regulation, investigation, remediation or removal as potentially injurious to public health or welfare. A "Hazardous Substance Condition" for purposes of this Agreement is defined as the existence on, under or relevantly adjacent to the Property of a Hazardous Substance that would require remediation and/or removal under applicable Federal, state or local law.

(d) *Soil Inspection.* Buyer has 30 or _____ days from the receipt of the Property Information Sheet or the Date of Agreement, whichever is later, to satisfy itself with regard to the condition of the soils on the Property. Seller recommends that Buyer obtain a soil test report. Any such report shall be paid for by Buyer. Seller shall provide Buyer copies of any soils report that Seller may have within 10 days of the Date of Agreement.

(e) *Governmental Approvals.* Buyer has 30 or _____ days from the Date of Agreement to satisfy itself with regard to approvals and permits from governmental agencies or departments which have or may have jurisdiction over the Property and which Buyer deems necessary or desirable in connection with its intended use of the Property, including, but not limited to, permits and approvals required with respect to zoning, planning, building and safety, fire, police, handicapped and Americans with Disabilities Act requirements, transportation and environmental matters.

(f) *Conditions of Title.* Escrow Holder shall cause a current commitment for title insurance ("Title Commitment") concerning the Property issued by the Title Company, as well as legible copies of all documents referred to in the Title Commitment ("Underlying Documents") to be delivered to Buyer within 10 or _____ days following the Date of Agreement. Buyer has 10 days from the receipt of the Title Commitment and Underlying Documents to satisfy itself with regard to the condition of title. The disapproval of Buyer of any monetary encumbrance, which by the terms of this Agreement is not to remain against the Property after the Closing, shall not be considered a failure of this contingency, as Seller shall have the obligation, at Seller's expense, to satisfy and remove such disapproved monetary encumbrance at or before the Closing.

(g) *Survey.* Buyer has 30 or _____ days from the receipt of the Title Commitment and Underlying Documents to satisfy itself with regard to any ALTA title supplement based upon a survey prepared to American Land Title Association ("ALTA") standards for an owner's policy by a licensed surveyor, showing the legal description and boundary lines of the Property, any easements of record, and any improvements, poles, structures and things located within 10 feet of either side of the Property boundary lines. Any such survey shall be prepared at Buyer's direction and expense. If Buyer has obtained a survey and approved the ALTA title supplement, Buyer may elect within the period allowed for Buyer's approval of a survey to have an ALTA extended coverage owner's form of title policy, in which event Buyer shall pay any additional premium attributable thereto.

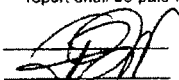
(h) *Existing Leases and Tenancy Statements.* Seller shall within 10 or _____ days of the Date of Agreement provide both Buyer and Escrow Holder with legible copies of all leases, subleases or rental arrangements (collectively, "Existing Leases") affecting the Property, and with a tenancy statement ("Estoppel Certificate") in the latest form or equivalent to that published by the AIR, executed by Seller and/or each tenant and subtenant of the Property. Seller shall use its best efforts to have each tenant complete and execute an Estoppel Certificate. If any tenant fails or refuses to provide an Estoppel Certificate then Seller shall complete and execute an Estoppel Certificate for that tenancy. Buyer has 10 days from the receipt of said Existing Leases and Estoppel Certificates to satisfy itself with regard to the Existing Leases and any other tenancy issues.

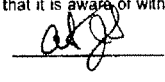
(i) *Other Agreements.* Seller shall within 10 or _____ days of the Date of Agreement provide Buyer with legible copies of all other agreements ("Other Agreements") known to Seller that will affect the Property after Closing. Buyer has 10 days from the receipt of said Other Agreements to satisfy itself with regard to such Agreements.

(j) *Financing.* If paragraph 5 hereof dealing with a financing contingency has not been stricken, the satisfaction or waiver of such New Loan contingency.

(k) *Existing Notes.* If paragraph 3.1(c) has not been stricken, Seller shall within 10 or _____ days of the Date of Agreement provide Buyer with legible copies of the Existing Notes, Existing Deeds of Trust and related agreements (collectively, "Loan Documents") to which the Property will remain subject after the Closing. Escrow Holder shall promptly request from the holders of the Existing Notes a beneficiary statement ("Beneficiary Statement") confirming: (1) the amount of the unpaid principal balance, the current interest rate, and the date to which interest is paid, and (2) the nature and amount of any impounds held by the beneficiary in connection with such loan. Buyer has 10 or _____ days from the receipt of the Loan Documents and Beneficiary Statements to satisfy itself with regard to such financing. Buyer's obligation to close is conditioned upon Buyer being able to purchase the Property without acceleration or change in the terms of any Existing Notes or charges to Buyer except as otherwise provided in this Agreement or approved by Buyer, provided, however, Buyer shall pay the transfer fee referred to in paragraph 3.2 hereof.

(l) *Personal Property.* In the event that any personal property is included in the Purchase Price, Buyer has 10 or _____ days from the Date of Agreement to satisfy itself with regard to the title condition of such personal property. Seller recommends that Buyer obtain a UCC-1 report. Any such report shall be paid for by Buyer. Seller shall provide Buyer copies of any liens or encumbrances affecting such personal property that it is aware of within


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10 or _____ days of the Date of Agreement.

(m) **Destruction, Damage or Loss.** There shall not have occurred prior to the Closing, a destruction of, or damage or loss to, the Property or any portion thereof, from any cause whatsoever, which would cost more than \$20,000.00 ~~\$10,000.00~~ to repair or cure. If the cost of repair or cure is \$10,000.00 or less, Seller shall repair or cure the loss prior to the Closing. Buyer shall have the option, within 10 days after receipt of written notice of a loss costing more than \$20,000.00 ~~\$10,000.00~~ to repair or cure, to either terminate this transaction or to purchase the Property notwithstanding such loss, but without deduction or offset against the Purchase Price. If the cost to repair or cure is more than \$20,000.00 ~~\$10,000.00~~, and Buyer does not elect to terminate this transaction, Buyer shall be entitled to any insurance proceeds applicable to such loss. Unless otherwise notified in writing, Escrow Holder shall assume no such destruction, damage or loss has occurred prior to Closing.

(n) **Material Change.** Buyer shall have 10 days following receipt of written notice of a Material Change within which to satisfy itself with regard to such change. "Material Change" shall mean a change in the status of the use, occupancy, tenants, or condition of the Property that occurs after the date of this offer and prior to the Closing. Unless otherwise notified in writing, Escrow Holder shall assume that no Material Change has occurred prior to the Closing.

(o) **Seller Performance.** The delivery of all documents and the due performance by Seller of each and every undertaking and agreement to be performed by Seller under this Agreement.

(p) **Warranties.** That each representation and warranty of Seller herein be true and correct as of the Closing. Escrow Holder shall assume that this condition has been satisfied unless notified to the contrary in writing by any Party prior to the Closing.

(q) **Brokerage Fee.** Payment at the Closing of such brokerage fee as is specified in this Agreement or later written instructions to Escrow Holder executed by Seller and Brokers ("Brokerage Fee"). It is agreed by the Parties and Escrow Holder that Brokers are a third party beneficiary of this Agreement insofar as the Brokerage Fee is concerned, and that no change shall be made with respect to the payment of the Brokerage Fee specified in this Agreement, without the written consent of Brokers.

9.2 All of the contingencies specified in subparagraphs (a) through (p) of paragraph 9.1 are for the benefit of, and may be waived by, Buyer, and may be elsewhere herein referred to as "Buyer Contingencies."

9.3 If any Buyer's Contingency or any other matter subject to Buyer's approval is disapproved as provided for herein in a timely manner ("Disapproved Item"), Seller shall have the right within 10 days following the receipt of notice of Buyer's disapproval to elect to cure such Disapproved Item prior to the Expected Closing Date ("Seller's Election"). Seller's failure to give to Buyer within such period, written notice of Seller's commitment to cure such Disapproved Item on or before the Expected Closing Date shall be conclusively presumed to be Seller's Election not to cure such Disapproved Item. If Seller elects, either by written notice or failure to give written notice, not to cure a Disapproved Item, Buyer shall have the election, within 10 days after Seller's Election to either accept title to the Property subject to such Disapproved Item, or to terminate this transaction. Buyer's failure to notify Seller in writing of Buyer's election to accept title to the Property subject to the Disapproved Item without deduction or offset shall constitute Buyer's election to terminate this transaction. Unless expressly provided otherwise herein, Seller's right to cure shall not apply to the remediation of Hazardous Substance Conditions or to the Financing Contingency. Unless the Parties mutually instruct otherwise, if the time periods for the satisfaction of contingencies or for Seller's and Buyer's said Elections would expire on a date after the Expected Closing Date, the Expected Closing Date shall be deemed extended for 3 business days following the expiration of: (a) the applicable contingency period(s), (b) the period within which the Seller may elect to cure the Disapproved Item, or (c) if Seller elects not to cure, the period within which Buyer may elect to proceed with this transaction, whichever is later.

9.4 Buyer understands and agrees that until such time as all Buyer's Contingencies have been satisfied or waived, Seller and/or its agents may solicit, entertain and/or accept back-up offers to purchase the subject Property.

9.5 The Parties acknowledge that extensive local, state and Federal legislation establish broad liability upon owners and/or users of real property for the investigation and remediation of Hazardous Substances. The determination of the existence of a Hazardous Substance Condition and the evaluation of the impact of such a condition are highly technical and beyond the expertise of Brokers. The Parties acknowledge that they have been advised by Brokers to consult their own technical and legal experts with respect to the possible presence of Hazardous Substances on this Property or adjoining properties, and Buyer and Seller are not relying upon any investigation by or statement of Brokers with respect thereto. The Parties hereby assume all responsibility for the impact of such Hazardous Substances upon their respective interests herein.

10. Documents Required at or before Closing:

10.1 Five days prior to the Closing date Escrow Holder shall obtain an updated Title Commitment concerning the Property from the Title Company and provide copies thereof to each of the Parties.

10.2 Seller shall deliver to Escrow Holder in time for delivery to Buyer at the Closing:

- (a) Grant or general warranty deed, duly executed and in recordable form, conveying fee title to the Property to Buyer.
- (b) If applicable, the Beneficiary Statements concerning Existing Note(s).
- (c) If applicable, the Existing Leases and Other Agreements together with duly executed assignments thereof by Seller and Buyer. The assignment of Existing Leases shall be on the most recent Assignment and Assumption of Lessor's Interest in Lease form published by the AIR or its equivalent.
- (d) If applicable, Estoppel Certificates executed by Seller and/or the tenant(s) of the Property.
- (e) An affidavit executed by Seller to the effect that Seller is not a "foreign person" within the meaning of Internal Revenue Code Section 1445 or successor statutes. If Seller does not provide such affidavit in form reasonably satisfactory to Buyer at least 3 business days prior to the Closing, Escrow Holder shall at the Closing deduct from Seller's proceeds and remit to Internal Revenue Service such sum as is required by applicable Federal law with respect to purchases from foreign sellers.

(f) If the Property is located in California, an affidavit executed by Seller to the effect that Seller is not a "nonresident" within the meaning of California Revenue and Tax Code Section 18662 or successor statutes. If Seller does not provide such affidavit in form reasonably satisfactory to Buyer at least 3 business days prior to the Closing, Escrow Holder shall at the Closing deduct from Seller's proceeds and remit to the Franchise Tax Board such sum as is required by such statute.

(g) If applicable, a bill of sale, duly executed, conveying title to any included personal property to Buyer.

(h) If the Seller is a corporation, a duly executed corporate resolution authorizing the execution of this Agreement and the sale of the Property.

10.3 Buyer shall deliver to Seller through Escrow:

(a) The cash portion of the Purchase Price and such additional sums as are required of Buyer under this Agreement shall be deposited by Buyer with Escrow Holder, by federal funds wire transfer, or any other method acceptable to Escrow Holder as immediately collectable funds, no later than 2:00 P.M. on the business day prior to the Expected Closing Date.

(b) If a Purchase Money Note and Purchase Money Deed of Trust are called for by this Agreement, the duly executed originals of those documents, the Purchase Money Deed of Trust being in recordable form, together with evidence of fire insurance on the improvements in the amount of the full replacement cost naming Seller as a mortgage loss payee, and a real estate tax service contract (at Buyer's expense), assuring Seller of notice of the status of payment of real property taxes during the life of the Purchase Money Note.

(c) The Assignment and Assumption of Lessor's Interest in Lease form specified in paragraph 10.2(c) above, duly executed by Buyer.

(d) Assumptions duly executed by Buyer of the obligations of Seller that accrue after Closing under any Other Agreements.

(e) If applicable, a written assumption duly executed by Buyer of the loan documents with respect to Existing Notes.

(f) If the Buyer is a corporation, a duly executed corporate resolution authorizing the execution of this Agreement and the purchase of the Property.

10.4 At Closing, Escrow Holder shall cause to be issued to Buyer a standard coverage (or ALTA extended, if elected pursuant to 9.1(g)) owner's form policy of title insurance effective as of the Closing, issued by the Title Company in the full amount of the Purchase Price, insuring title to the Property vested in Buyer, subject only to the exceptions approved by Buyer. In the event there is a Purchase Money Deed of Trust in this transaction, the policy of title insurance shall be a joint protection policy insuring both Buyer and Seller.

IMPORTANT: IN A PURCHASE OR EXCHANGE OF REAL PROPERTY, IT MAY BE ADVISABLE TO OBTAIN TITLE INSURANCE IN CONNECTION WITH THE CLOSE OF ESCROW SINCE THERE MAY BE PRIOR RECORDED LIENS AND ENCUMBRANCES WHICH AFFECT YOUR INTEREST IN THE PROPERTY BEING ACQUIRED. A NEW POLICY OF TITLE INSURANCE SHOULD BE OBTAINED IN ORDER TO ENSURE YOUR INTEREST IN THE PROPERTY THAT YOU ARE ACQUIRING.

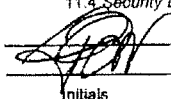
11. Prorations and Adjustments.

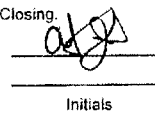
11.1 **Taxes.** Applicable real property taxes and special assessment bonds shall be prorated through Escrow as of the date of the Closing, based upon the latest tax bill available. The Parties agree to prorate as of the Closing any taxes assessed against the Property by supplemental bill levied by reason of events occurring prior to the Closing. Payment of the prorated amount shall be made promptly in cash upon receipt of a copy of any supplemental bill.

11.2 **Insurance.** **WARNING:** Any insurance which Seller maintained will terminate on the Closing. Buyer is advised to obtain appropriate insurance to cover the Property.

11.3 **Rentals, Interest and Expenses.** Scheduled rentals, interest on Existing Notes, utilities, and operating expenses shall be prorated as of the date of Closing. The Parties agree to promptly adjust between themselves outside of Escrow any rents received after the Closing.

11.4 **Security Deposit.** Security Deposits held by Seller shall be given to Buyer as a credit to the cash required of Buyer at the Closing.


Initials


Initials

11.5 *Post Closing Matters.* Any item to be prorated that is not determined or determinable at the Closing shall be promptly adjusted by the Parties by appropriate cash payment outside of the Escrow when the amount due is determined.

11.6 *Variations in Existing Note Balances.* In the event that Buyer is purchasing the Property subject to an Existing Deed of Trust(s), and in the event that a Beneficiary Statement as to the applicable Existing Note(s) discloses that the unpaid principal balance of such Existing Note(s) at the Closing will be more or less than the amount set forth in paragraph 3.1(c) hereof ("Existing Note Variation"), then the Purchase Money Note(s) shall be reduced or increased by an amount equal to such Existing Note Variation. If there is to be no Purchase Money Note, the cash required at the Closing per paragraph 3.1(a) shall be reduced or increased by the amount of such Existing Note Variation.

11.7 *Variations in New Loan Balance.* In the event Buyer is obtaining a New Loan and the amount ultimately obtained exceeds the amount set forth in paragraph 5.1, then the amount of the Purchase Money Note, if any, shall be reduced by the amount of such excess.

12. Representation and Warranties of Seller and Disclaimers.

12.1 Seller's warranties and representations shall survive the Closing and delivery of the deed for a period of 3 years, and, are true, material and relied upon by Buyer and Brokers in all respects. Seller hereby makes the following warranties and representations to Buyer and Brokers:

(a) *Authority of Seller.* Seller is the owner of the Property and/or has the full right, power and authority to sell, convey and transfer the Property to Buyer as provided herein, and to perform Seller's obligations hereunder.

(b) *Maintenance During Escrow and Equipment Condition At Closing.* Except as otherwise provided in paragraph 9.1(m) hereof, Seller shall maintain the Property until the Closing in its present condition, ordinary wear and tear excepted. The HVAC, plumbing, elevators, loading doors and electrical systems shall be in good operating order and condition at the time of Closing.

(c) *Hazardous Substances/Storage Tanks.* Seller has no knowledge, except as otherwise disclosed to Buyer in writing, of the existence or prior existence on the Property of any Hazardous Substance, nor of the existence or prior existence of any above or below ground storage tank.

(d) *Compliance.* Seller has no knowledge of any aspect or condition of the Property which violates applicable laws, rules, regulations, codes or covenants, conditions or restrictions, or of improvements or alterations made to the Property without a permit where one was required, or of any unfulfilled order or directive of any applicable governmental agency or casualty insurance company requiring any investigation, remediation, repair, maintenance or improvement be performed on the Property.

(e) *Changes in Agreements.* Prior to the Closing, Seller will not violate or modify any Existing Lease or Other Agreement, or create any new leases or other agreements affecting the Property, without Buyer's written approval, which approval will not be unreasonably withheld.

(f) *Possessory Rights.* Seller has no knowledge that anyone will, at the Closing, have any right to possession of the Property, except as disclosed by this Agreement or otherwise in writing to Buyer.

(g) *Mechanics' Liens.* There are no unsatisfied mechanics' or materialsmen's lien rights concerning the Property.

(h) *Actions, Suits or Proceedings.* Seller has no knowledge of any actions, suits or proceedings pending or threatened before any commission, board, bureau, agency, arbitrator, court or tribunal that would affect the Property or the right to occupy or utilize same.

(i) *Notice of Changes.* Seller will promptly notify Buyer and Brokers in writing of any Material Change (see paragraph 9.1(n)) affecting the Property that becomes known to Seller prior to the Closing.

(j) *No Tenant Bankruptcy Proceedings.* Seller has no notice or knowledge that any tenant of the Property is the subject of a bankruptcy or insolvency proceeding.

(k) *No Seller Bankruptcy Proceedings.* Seller is not the subject of a bankruptcy, insolvency or probate proceeding.

(l) *Personal Property.* Seller has no knowledge that anyone will, at the Closing, have any right to possession of any personal property included in the Purchase Price nor knowledge of any liens or encumbrances affecting such personal property, except as disclosed by this Agreement or otherwise in writing to Buyer.

12.2 Buyer hereby acknowledges that, except as otherwise stated in this Agreement, Buyer is purchasing the Property in its existing condition and will, by the time called for herein, make or have waived all inspections of the Property Buyer believes are necessary to protect its own interest in, and its contemplated use of, the Property. The Parties acknowledge that, except as otherwise stated in this Agreement, no representations, inducements, promises, agreements, assurances, oral or written, concerning the Property, or any aspect of the occupational safety and health laws, Hazardous Substance laws, or any other act, ordinance or law, have been made by either Party or Brokers, or relied upon by either Party hereto.

12.3 In the event that Buyer learns that a Seller representation or warranty might be untrue prior to the Closing, and Buyer elects to purchase the Property anyway then, and in that event, Buyer waives any right that it may have to bring an action or proceeding against Seller or Brokers regarding said representation or warranty.

12.4 Any environmental reports, soils reports, surveys, and other similar documents which were prepared by third party consultants and provided to Buyer by Seller or Seller's representatives, have been delivered as an accommodation to Buyer and without any representation or warranty as to the sufficiency, accuracy, completeness, and/or validity of said documents, all of which Buyer relies on at its own risk. Seller believes said documents to be accurate, but Buyer is advised to retain appropriate consultants to review said documents and investigate the Property.

13. Possession.

Possession of the Property shall be given to Buyer at the Closing subject to the rights of tenants under Existing Leases.

14. Buyer's Entry.

At any time during the Escrow period, Buyer, and its agents and representatives, shall have the right at reasonable times and subject to rights of tenants, to enter upon the Property for the purpose of making inspections and tests specified in this Agreement. No destructive testing shall be conducted, however, without Seller's prior approval which shall not be unreasonably withheld. Following any such entry or work, unless otherwise directed in writing by Seller, Buyer shall return the Property to the condition it was in prior to such entry or work, including the recompaction or removal of any disrupted soil or material as Seller may reasonably direct. All such inspections and tests and any other work conducted or materials furnished with respect to the Property by or for Buyer shall be paid for by Buyer as and when due and Buyer shall indemnify, defend, protect and hold harmless Seller and the Property of and from any and all claims, liabilities, losses, expenses (including reasonable attorneys' fees), damages, including those for injury to person or property, arising out of or relating to any such work or materials or the acts or omissions of Buyer, its agents or employees in connection therewith.

15. Further Documents and Assurances.

The Parties shall each, diligently and in good faith, undertake all actions and procedures reasonably required to place the Escrow in condition for Closing as and when required by this Agreement. The Parties agree to provide all further information, and to execute and deliver all further documents, reasonably required by Escrow Holder or the Title Company.

16. Attorneys' Fees.

If any Party or Broker brings an action or proceeding (including arbitration) involving the Property whether founded in tort, contract or equity, or to declare rights hereunder, the Prevailing Party (as hereafter defined) in any such proceeding, action, or appeal thereon, shall be entitled to reasonable attorneys' fees. Such fees may be awarded in the same suit or recovered in a separate suit, whether or not such action or proceeding is pursued to decision or judgment. The term "Prevailing Party" shall include, without limitation, a Party or Broker who substantially obtains or defeats the relief sought, as the case may be, whether by compromise, settlement, judgment, or the abandonment by the other Party or Broker of its claim or defense. The attorneys' fees award shall not be computed in accordance with any court fee schedule, but shall be such as to fully reimburse all attorneys' fees reasonably incurred.

17. Prior Agreements/Amendments.

17.1 This Agreement supersedes any and all prior agreements between Seller and Buyer regarding the Property.

17.2 Amendments to this Agreement are effective only if made in writing and executed by Buyer and Seller.

18. Broker's Rights.

18.1 If this sale is not consummated due to the default of either the Buyer or Seller, the defaulting Party shall be liable to and shall pay to Brokers the Brokerage Fee that Brokers would have received had the sale been consummated. If Buyer is the defaulting party, payment of said Brokerage Fee is in addition to any obligation with respect to liquidated or other damages.

18.2 Upon the Closing, Brokers are authorized to publicize the facts of this transaction.

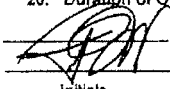
19. Notices.

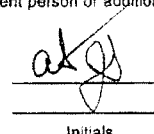
19.1 Whenever any Party, Escrow Holder or Brokers herein shall desire to give or serve any notice, demand, request, approval, disapproval or other communication, each such communication shall be in writing and shall be delivered personally, by messenger or by mail, postage prepaid, to the address set forth in this Agreement or by facsimile transmission.

19.2 Service of any such communication shall be deemed made on the date of actual receipt if personally delivered. Any such communication sent by regular mail shall be deemed given 48 hours after the same is mailed. Communications sent by United States Express Mail or overnight courier that guarantee next day delivery shall be deemed delivered 24 hours after delivery of the same to the Postal Service or courier. Communications transmitted by facsimile transmission shall be deemed delivered upon telephonic confirmation of receipt (confirmation report from fax machine is sufficient), provided a copy is also delivered via delivery or mail. If such communication is received on a Saturday, Sunday or legal holiday, it shall be deemed received on the next business day.

19.3 Any Party or Broker hereto may from time to time, by notice in writing, designate a different address to which, or a different person or additional persons to whom, all communications are thereafter to be made.

20. Duration of Offer.


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20.1 If this offer is not accepted by Seller on or before 5:00 P.M. according to the time standard applicable to the city of

Los Angeles

on the date of January 31, 2002


it shall

be deemed automatically revoked.

20.2 The acceptance of this offer, or of any subsequent counteroffer hereto, that creates an agreement between the Parties as described in paragraph 1.2, shall be deemed made upon delivery to the other Party or either Broker herein of a duly executed writing unconditionally accepting the last outstanding offer or counteroffer.

21. **LIQUIDATED DAMAGES.** (This Liquidated Damages paragraph is applicable only if initialed by both Parties.)

THE PARTIES AGREE THAT IT WOULD BE IMPRACTICABLE OR EXTREMELY DIFFICULT TO FIX, PRIOR TO SIGNING THIS AGREEMENT, THE ACTUAL DAMAGES WHICH WOULD BE SUFFERED BY SELLER IF BUYER FAILS TO PERFORM ITS OBLIGATIONS UNDER THIS AGREEMENT. THEREFORE, IF, AFTER THE SATISFACTION OR WAIVER OF ALL CONTINGENCIES PROVIDED FOR THE BUYER'S BENEFIT, BUYER BREACHES THIS AGREEMENT, SELLER SHALL BE ENTITLED TO LIQUIDATED DAMAGES IN THE AMOUNT OF \$25,000.00. UPON PAYMENT OF SAID SUM TO SELLER, BUYER SHALL BE RELEASED FROM ANY FURTHER LIABILITY TO SELLER, AND ANY ESCROW CANCELLATION FEES AND TITLE COMPANY CHARGES SHALL BE PAID BY SELLER.


Buyer Initials


Seller Initials

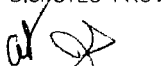
22. **ARBITRATION OF DISPUTES.** (This Arbitration of Disputes paragraph is applicable only if initialed by both Parties.)

22.1 ANY CONTROVERSY AS TO WHETHER SELLER IS ENTITLED TO THE LIQUIDATED DAMAGES AND/OR BUYER IS ENTITLED TO THE RETURN OF DEPOSIT MONEY, SHALL BE DETERMINED BY BINDING ARBITRATION BY, AND UNDER THE COMMERCIAL RULES OF THE AMERICAN ARBITRATION ASSOCIATION ("COMMERCIAL RULES"). ARBITRATION HEARINGS SHALL BE HELD IN THE COUNTY WHERE THE PROPERTY IS LOCATED. ANY SUCH CONTROVERSY SHALL BE ARBITRATED BY 3 ARBITRATORS WHO SHALL BE IMPARTIAL REAL ESTATE BROKERS WITH AT LEAST 5 YEARS OF FULL TIME EXPERIENCE IN BOTH THE AREA WHERE THE PROPERTY IS LOCATED AND THE TYPE OF REAL ESTATE THAT IS THE SUBJECT OF THIS AGREEMENT. THEY SHALL BE APPOINTED UNDER THE COMMERCIAL RULES. THE ARBITRATORS SHALL HEAR AND DETERMINE SAID CONTROVERSY IN ACCORDANCE WITH APPLICABLE LAW, THE INTENTION OF THE PARTIES AS EXPRESSED IN THIS AGREEMENT AND ANY AMENDMENTS THERETO, AND UPON THE EVIDENCE PRODUCED AT AN ARBITRATION HEARING. PRE-ARBITRATION DISCOVERY SHALL BE PERMITTED IN ACCORDANCE WITH THE COMMERCIAL RULES OR STATE LAW APPLICABLE TO ARBITRATION PROCEEDINGS. THE AWARD SHALL BE EXECUTED BY AT LEAST 2 OF THE 3 ARBITRATORS, BE RENDERED WITHIN 30 DAYS AFTER THE CONCLUSION OF THE HEARING, AND MAY INCLUDE ATTORNEYS' FEES AND COSTS TO THE PREVAILING PARTY PER PARAGRAPH 16 HEREOF. JUDGMENT MAY BE ENTERED ON THE AWARD IN ANY COURT OF COMPETENT JURISDICTION NOTWITHSTANDING THE FAILURE OF A PARTY DULY NOTIFIED OF THE ARBITRATION HEARING TO APPEAR THEREAT.

22.2 BUYER'S RESORT TO OR PARTICIPATION IN SUCH ARBITRATION PROCEEDINGS SHALL NOT BAR SUIT IN A COURT OF COMPETENT JURISDICTION BY THE BUYER FOR DAMAGES AND/OR SPECIFIC PERFORMANCE UNLESS AND UNTIL THE ARBITRATION RESULTS IN AN AWARD TO THE SELLER OF LIQUIDATED DAMAGES, IN WHICH EVENT SUCH AWARD SHALL ACT AS A BAR AGAINST ANY ACTION BY BUYER FOR DAMAGES AND/OR SPECIFIC PERFORMANCE.

22.3 NOTICE: BY INITIALING IN THE SPACE BELOW YOU ARE AGREEING TO HAVE ANY DISPUTE ARISING OUT OF THE MATTERS INCLUDED IN THE "ARBITRATION OF DISPUTES" PROVISION DECIDED BY NEUTRAL ARBITRATION AS PROVIDED BY CALIFORNIA LAW AND YOU ARE GIVING UP ANY RIGHTS YOU MIGHT POSSESS TO HAVE THE DISPUTE LITIGATED IN A COURT OR JURY TRIAL. BY INITIALING IN THE SPACE BELOW YOU ARE GIVING UP YOUR JUDICIAL RIGHTS TO DISCOVERY AND APPEAL, UNLESS SUCH RIGHTS ARE SPECIFICALLY INCLUDED IN THE "ARBITRATION OF DISPUTES" PROVISION. IF YOU REFUSE TO SUBMIT TO ARBITRATION AFTER AGREEING TO THIS PROVISION, YOU MAY BE COMPELLED TO ARBITRATE UNDER THE AUTHORITY OF THE CALIFORNIA CODE OF CIVIL PROCEDURE. YOUR AGREEMENT TO THIS ARBITRATION PROVISION IS VOLUNTARY.

WE HAVE READ AND UNDERSTAND THE FOREGOING AND AGREE TO SUBMIT DISPUTES ARISING OUT OF THE MATTERS INCLUDED IN THE "ARBITRATION OF DISPUTES" PROVISION TO NEUTRAL ARBITRATION.


Buyer Initials


Seller Initials

23. **Miscellaneous.**

23.1 **Binding Effect.** This Agreement shall be binding on the Parties without regard to whether or not paragraphs 21 and 22 are initialed by both Parties at the time that the Agreement is executed.

23.2 **Applicable Law.** This Agreement shall be governed by, and paragraph 22.3 is amended to refer to, the laws of the state in which the Property is located.

23.3 **Time of Essence.** Time is of the essence of this Agreement.

23.4 **Counterparts.** This Agreement may be executed by Buyer and Seller in counterparts, each of which shall be deemed an original, and all of which together shall constitute one and the same instrument. Escrow Holder, after verifying that the counterparts are identical except for the signatures, is authorized and instructed to combine the signed signature pages on one of the counterparts, which shall then constitute the Agreement.

23.5 **Waiver of Jury Trial.** THE PARTIES HEREBY WAIVE THEIR RESPECTIVE RIGHTS TO TRIAL BY JURY IN ANY ACTION OR PROCEEDING INVOLVING THE PROPERTY OR ARISING OUT OF THIS AGREEMENT.


23.6 **Conflict.** Any conflict between the printed provisions of this Agreement and the typewritten or handwritten provisions shall be controlled by the typewritten or handwritten provisions.

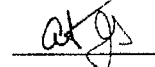
24. **Disclosures Regarding The Nature of a Real Estate Agency Relationship.**

24.1 The Parties and Brokers agree that their relationship(s) shall be governed by the principles set forth in the applicable sections of the California Civil Code, as summarized in paragraph 24.2.

24.2 When entering into a discussion with a real estate agent regarding a real estate transaction, a Buyer or Seller should from the outset understand what type of agency relationship or representation it has with the agent or agents in the transaction. Buyer and Seller acknowledge being advised by the Brokers in this transaction, as follows:

(a) **Seller's Agent.** A Seller's agent under a listing agreement with the Seller acts as the agent for the Seller only. A Seller's agent or subagent has the following affirmative obligations: (1) *To the Seller.* A fiduciary duty of utmost care, integrity, honesty, and loyalty in dealings with the Seller. (2) *To the Buyer and the Seller:* a. Diligent exercise of reasonable skills and care in performance of the agent's duties. b. A duty of honest and fair dealing and good faith. c. A duty to disclose all facts known to the agent materially affecting the value or desirability of the property that are not known to, or within the diligent attention and observation of, the Parties. An agent is not obligated to reveal to either Party any confidential information obtained from the other Party which does not involve the affirmative duties set forth above.


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(b) *Buyer's Agent.* A selling agent can, with a Buyer's consent, agree to act as agent for the Buyer only. In these situations, the agent is not the Seller's agent, even if by agreement the agent may receive compensation for services rendered, either in full or in part from the Seller. An agent acting only for a Buyer has the following affirmative obligations: (1) *To the Buyer:* A fiduciary duty of utmost care, integrity, honesty, and loyalty in dealings with the Buyer. (2) *To the Buyer and the Seller:* a. Diligent exercise of reasonable skills and care in performance of the agent's duties. b. A duty of honest and fair dealing and good faith. c. A duty to disclose all facts known to the agent materially affecting the value or desirability of the property that are not known to, or within the diligent attention and observation of, the Parties. An agent is not obligated to reveal to either Party any confidential information obtained from the other Party which does not involve the affirmative duties set forth above.

(c) *Agent Representing Both Seller and Buyer.* A real estate agent, either acting directly or through one or more associate licenses, can legally be the agent of both the Seller and the Buyer in a transaction, but only with the knowledge and consent of both the Seller and the Buyer. (1) In a dual agency situation, the agent has the following affirmative obligations to both the Seller and the Buyer: a. A fiduciary duty of utmost care, integrity, honesty and loyalty in the dealings with either Seller or the Buyer. b. Other duties to the Seller and the Buyer as stated above in their respective sections (a) or (b) of this paragraph 24.2. (2) In representing both Seller and Buyer, the agent may not without the express permission of the respective Party, disclose to the other Party that the Seller will accept a price less than the listing price or that the Buyer will pay a price greater than the price offered. (3) The above duties of the agent in a real estate transaction do not relieve a Seller or Buyer from the responsibility to protect their own interests. Buyer and Seller should carefully read all agreements to assure that they adequately express their understanding of the transaction. A real estate agent is a person qualified to advise about real estate. If legal or tax advice is desired, consult a competent professional.

(d) *Further Disclosures.* Throughout this transaction Buyer and Seller may receive more than one disclosure, depending upon the number of agents assisting in the transaction. Buyer and Seller should each read its contents each time it is presented, considering the relationship between them and the real estate agent in this transaction and that disclosure. Brokers have no responsibility with respect to any default or breach hereof by either Party. The liability (including court costs and attorneys' fees), of any Broker with respect to any breach of duty, error or omission relating to this Agreement shall not exceed the fee received by such Broker pursuant to this Agreement; provided, however, that the foregoing limitation on each Broker's liability shall not be applicable to any gross negligence or willful misconduct of such Broker.

24.3 *Confidential Information:* Buyer and Seller agree to identify to Brokers as "Confidential" any communication or information given Brokers that is considered by such Party to be confidential.

25. *Construction of Agreement.* In construing this Agreement, all headings and titles are for the convenience of the parties only and shall not be considered a part of this Agreement. Whenever required by the context, the singular shall include the plural and vice versa. Unless otherwise specifically indicated to the contrary, the word "days" as used in this Agreement shall mean and refer to calendar days. This Agreement shall not be construed as if prepared by one of the parties, but rather according to its fair meaning as a whole, as if both parties had prepared it.

26 Additional Provisions:

Additional provisions of this offer, if any, are as follows or are attached hereto by an addendum consisting of paragraphs 28 through 43. (If there are no additional provisions write "NONE".)

ATTENTION: NO REPRESENTATION OR RECOMMENDATION IS MADE BY THE AMERICAN INDUSTRIAL REAL ESTATE ASSOCIATION OR BY ANY BROKER AS TO THE LEGAL SUFFICIENCY, LEGAL EFFECT, OR TAX CONSEQUENCES OF THIS AGREEMENT OR THE TRANSACTION TO WHICH IT RELATES. THE PARTIES ARE URGED TO:

1. SEEK ADVICE OF COUNSEL AS TO THE LEGAL AND TAX CONSEQUENCES OF THIS AGREEMENT.
2. RETAIN APPROPRIATE CONSULTANTS TO REVIEW AND INVESTIGATE THE CONDITION OF THE PROPERTY. SAID INVESTIGATION SHOULD INCLUDE BUT NOT BE LIMITED TO: THE POSSIBLE PRESENCE OF HAZARDOUS SUBSTANCES, THE ZONING OF THE PROPERTY, THE INTEGRITY AND CONDITION OF ANY STRUCTURES AND OPERATING SYSTEMS, AND THE SUITABILITY OF THE PROPERTY FOR BUYER'S INTENDED USE.

WARNING: IF THE PROPERTY IS LOCATED IN A STATE OTHER THAN CALIFORNIA, CERTAIN PROVISIONS OF THIS AGREEMENT MAY NEED TO BE REVISED TO COMPLY WITH THE LAWS OF THE STATE IN WHICH THE PROPERTY IS LOCATED.

NOTE:

1. THIS FORM IS NOT FOR USE IN CONNECTION WITH THE SALE OF RESIDENTIAL PROPERTY.
2. IF THE BUYER IS A CORPORATION, IT IS RECOMMENDED THAT THIS AGREEMENT BE SIGNED BY TWO CORPORATE OFFICERS.

The undersigned Buyer offers and agrees to buy the Property on the terms and conditions stated and acknowledges receipt of a copy hereof.

BROKER: DELPHI BUSINESS PROPERTIES
 Attn: Scott Caswell
 Title: Agent
 Address: 7100 Hayvenhurst Avenue, #211
 Van Nuys, CA 91406
 Telephone: 818-780-7878 x109
 Facsimile: 818-780-9294
 Federal ID No. 95-3890856

JOEL SAIMAN and/or NOMINEE

By: [Signature]
 Date: January 28, 2002
 Name Printed: Joel Saitman
 Title:
 Telephone/Facsimile: 818-883-5110 x116

By: [Signature]
 Date: January 28, 2002
 Name Printed: ADAM SAIMAN
 Title:
 Address:

Telephone/Facsimile: 818-340-8965 x.107
 Federal ID No.

[Signature]
 Initials

[Signature]
 Initials

27. Acceptance.

27.1 Seller accepts the foregoing offer to purchase the Property and hereby agrees to sell the Property to Buyer on the terms and conditions therein specified.

27.2 Seller acknowledges that Brokers have been retained to locate a Buyer and are the procuring cause of the purchase and sale of the Property set forth in this Agreement. In consideration of real estate brokerage service rendered by Brokers, Seller agrees to pay Brokers a real estate Brokerage Fee in a sum equal to 6 % of the Purchase Price divided in such shares as said Brokers shall direct in writing. This Agreement shall serve as an irrevocable instruction to Escrow Holder to pay such Brokerage Fee to Brokers out of the proceeds accruing to the account of Seller at the Closing.

27.3 Seller acknowledges receipt of a copy hereof and authorizes Brokers to deliver a signed copy to Buyer.

NOTE: A PROPERTY INFORMATION SHEET IS REQUIRED TO BE DELIVERED TO BUYER BY SELLER UNDER THIS AGREEMENT.

BROKER:

SELLER:

DELPHI BUSINESS PROPERTIES

MORGAN CHEMICAL PRODUCTS, INC.

Attn: Scott Caswell

By: 

Title: Agent

Date: January 12, 2002

Address: 7100 Hayvenhurst Avenue, #211

Name Printed: William E. Ivie

Van Nuys, CA 91406

Title: ~~CEO and Secretary~~ DIRECTOR

Telephone: 818-780-7878 x109

Telephone/Facsimile:

Facsimile: 818-780-9294

By:

Date:

Name Printed:

Title:

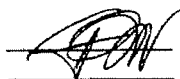
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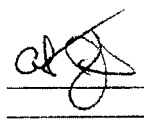
Federal ID No.:

These forms are often modified to meet changing requirements of law and needs of the industry. Always write or call to make sure you are utilizing the most current form: American Industrial Real Estate Association, 700 South Flower Street, Suite 600, Los Angeles, CA 90017, (213) 687-8777.

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PURCHASE ADDENDUM

The attached and foregoing Standard Offer, Agreement and Escrow Instructions for Purchase of Real Estate ("Offer") dated January 29, 2002 concerning real property located at 6928-38 Farmdale Avenue, North Hollywood, CA 91605 (APN: 2320-002-001/2320-002-002) submitted by Joel Saitman and/or nominee is subject to and contingent upon the following terms and conditions:

28. **INSPECTIONS/SURVEYS/APPROVALS:** Paragraph 9.1 of the aforementioned Offer gives Buyer the right to perform various inspections surveys, and/or approvals of the property and matters related thereto. If Buyer shall fail to conduct such inspections, surveys, and/or approvals then Buyer shall hold Seller and Broker harmless for any defects, deficiencies, damage or costs to repair such items, which may result from Buyer's failure to conduct, said inspections/surveys/approvals. Buyer shall indemnify Seller and Broker from any liability in connection with Buyer's failure to investigate the Premises as specified in Paragraph 9.1, and shall pay Seller/Broker's attorney fees from any resultant action. Buyer's initials below shall witness Buyer's acknowledgment of this provision.

BUYER'S INITIALS

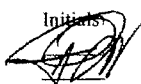
29. **HAZARDOUS MATERIALS:** Buyer shall require Seller, at Seller's sole cost and expense to perform Phase 1 and Phase 2 Hazardous Materials reports on the property for Buyer's and Lender's review and approval. Once the Hazardous Materials reports are completed the Buyer and Lender shall have thirty (30) days from Seller's receipt of the reports and supporting documents pertaining to the reports to review and approve. Seller shall provide to buyer a second Hazardous Materials report once the Seller has closed their operation and removed all equipment from the site to verify no hazardous materials release or contamination has occurred between the date of when the property was purchased by Buyer and when the Seller/tenant has vacated the properties. In the event such a hazardous material release or contamination has occurred on the properties than Seller shall be fully responsible for the remediation of such condition.

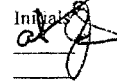
30. **NOTICE TO BUYERS, TENANTS AND OWNERS CONCERNING HAZARDOUS WASTES OR SUBSTANCES AND UNDERGROUND STORAGE TANKS:**

THIS IS AN IMPORTANT NOTICE - READ IT CAREFULLY

Under recently passed Federal and State laws governing the use, storage, handling, cleanup, removal and disposal of "hazardous wastes or substances", an owner, buyer, tenant and other users of real property can be held responsible for the cost to clean up hazardous wastes, for the payment of damages and for the modification of the real property to conform with environmental safety standards (for example: the removal of asbestos and the closure of underground storage tanks). "Hazardous wastes and substances" includes, but is not limited to: any petroleum based products, paints and solvents, lead, cyanide DDT, printing inks, acids, pesticides, ammonium compounds, asbestos, PCBs and toxic chemical products.

Since these laws affect every kind of real property, it is essential that legal and technical advice be obtained by you to determine whether the laws have been complied with, and what, if anything, is required to be done in

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connection with the proposed transaction involving the real property described above, to minimize your liability. Such professionals as attorneys, engineers and geologists specializing in toxic waste matters are among those you should consult to obtain a clear understanding of the condition of the real property and your rights and obligations under the hazardous waste laws in connection with this transaction. WE STRONGLY RECOMMEND THAT YOU RETAIN LEGAL, ENGINEERING AND GEOLOGICAL EXPERTS TO ADVISE YOU AS WELL AS ANY OTHER EXPERTS WHICH YOU OR THEY MAY DEEM APPROPRIATE.

Please note that, as your Broker, Delphi Business Properties must disclose to all prospective parties to this transaction any knowledge we actually possess concerning the condition of the real property described above and the existence of hazardous wastes, substances, or underground storage tanks on the property. In addition, neither Delphi Business Properties nor any of its employees or agents has made any investigations or obtained reports regarding the condition of the property or the past or present existence of hazardous wastes or substances on the property.

Therefore, for the purposes of this transaction, neither Delphi Business Properties nor any of its employees or agents makes any representation to any prospective buyer or tenant concerning the condition of the property or the existence or nonexistence of hazardous wastes or substances, or underground storage tanks on the property.

If you own the real property described above, you are hereby notified that prospective purchasers or tenants may feel that the potential for liability for remedial costs necessitates an environmental audit or investigation of the property prior to closing in order to discover whether the nature and/or quantity of, existence, use, manufacture or effect of any hazardous substances on the property renders is subject to Federal, State or local regulation, investigation, remediation or removal as potentially injurious to public health or welfare. Delphi Business Properties hereby disclaims any liability for damages to you stemming from the initiation, completion or result of any such investigation.

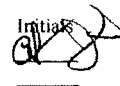
31. **TRANSFER OF WARRANTIES:** Seller will agree to transfer and assign to Buyer as of the close of escrow, without recourse to Seller, any and all warranties, guarantees, contract and agreement made by any contractor, subcontractor, vendor or supplier, or the sureties of such person, in connection with the construction of the subject building and/or improvements, so that Buyer may, in its own name, and/or in the name of Seller, enforce such warranties, guarantees, contracts and agreements, and collect any liquidated or other damages payable pursuant thereto, but at Buyer's sole cost and expense. Seller agrees to cooperate fully with Buyer in any claim or demand against any such contractor, subcontractor, vendor or supplier or their respective sureties, for damages or breach of any contract or contracts.
32. **ADDITIONAL CONTINGENCIES:** The close of escrow shall be subject to and contingent upon the following additional terms and conditions. In the event that Buyer shall notify escrow holder of Buyer's disapproval of any of the following items within the stated times, then this escrow shall be void and of no further force and effect. If Buyer shall not notify escrow holder of Buyer's disapproval within the sated time, then Buyer's approval shall be conclusively presumed for purposes of this escrow.

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a) Buyer shall have thirty (30) days from the Date of receipt of the Hazardous Conditions Reports (Phase 1 & 2) to review and approve.

b) Within thirty (30) days after the initial Phase 1 & 2 hazardous conditions report are completed and approved by Buyer, Buyer and Seller shall sign a Standard Form AIR Single Tenant Lease – Triple Net subject to the following terms: Buyer shall agree to leaseback the properties to Seller on a month-to-month basis after the close of escrow at a lease rate of \$13,500.00 triple net for the first (1st) six (6) months and then \$16,750.00 triple net for months seven (7) to twelve (12). Prior to the termination of the lease, Lessee must provide Lessor with the second Hazardous Materials report referenced in Paragraph 29 herein that documents there has been not hazardous materials released since closing and all equipment, fixtures, piping, conduit, clarifiers and retaining berm have been removed from the property. The standard AIR lease shall provide that the tenant must give the Lessor a two (2) month advance notice of intent to terminate the lease and all of the above has been completed. The Lessee shall agree to lease back the property for no less than six (6) months from the date of closing. In the event the Lessee desires to lease the property for more than twelve (12) months, the lease shall provide for a annual rent increase of three percent (3%) from the first day of the month following the date that the property is sold.

In the event that the above contingencies are disapproved by either Buyer or Seller within the specified time, Buyer or Seller are unable or unwilling to agree on alternative terms, then this agreement shall be canceled and Buyer and Seller shall be relieved of any further liability to the other.

33. TAX DEFERRED EXCHANGE: Buyer reserves the right to effect an exchange escrow transaction prior to the close of this escrow and Seller agrees to cooperate with Buyer in such exchange, provided the party not exchanging is not at any additional expense as a result thereof. If said exchange is affected, Seller agrees to rewrite this escrow instruction to convert this escrow to an exchange escrow. In no event, however, shall the closing date of escrow be changed by this agreement unless Buyer and Seller shall mutually instruct escrow holder in writing to extend the term of escrow.
34. PRE-1975 BUILDING: Buyer acknowledges that the building being acquired was constructed before 1975 and may therefore require corrective work to meet current seismic standards.
35. SEISMIC GAS SHUTOFF: Effective February 5, 1998, Ordinance no. 1718474, Section 94, 1219.2.3 of Los Angeles Municipal Code has been added and requires that buildings and structures (residential and
36. ENVIRONMENTAL COMPLIANCE: Seller warrants and represents that, except as maybe disclosed in the Hazardous Materials reports, as of the close of escrow, the property will not be in material violation of any federal, state, or local law, ordinance, or regulation relating to industrial hygiene or to the environmental conditions on, under, or about the property, including, but not limited to, soil and groundwater conditions.

Seller further warrants and represents that there is no proceeding or inquiry by any governmental authority (including without limitation the Environmental Protection Agency or the California State Department of Health Services) with respect to the presence of such hazardous materials on the property or their migration from or to other property from the subject property. For purposes of this agreement, hazardous materials shall include but not be limited to substance defined as "hazardous substance," "hazardous materials," or "toxic substances" in the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (Title 42 United States Code No. 1801-1819); the Resource Conservation and Recovery Act of 1976, as amended (Title

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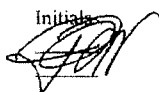
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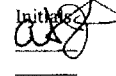
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United States Code No. 6901-6992k); and any substances defined as "hazardous waste" in Health and Safety Code No. 25117 or as "hazardous substance" in Health and Safety Code No. 25316, and in the regulations adopted and publications promulgated under these laws.

Seller agrees to indemnify, protect, hold harmless, and defend Buyer, its directors, officers, employees, and agents, and any successors to Buyer's interest in the chain of title to the property, their directors, officers, employees, and agents, from and against any and all liability, including without limitation (1) all foreseeable and unforeseeable damages, directly or indirectly arising from the use, generation, storage, or disposal of Hazardous Materials by Seller of any prior owner, occupant, or operator of the property; and (2) the cost of any required or necessary repair, cleanup, or detoxification and the preparation of any closure or other required plans, whether such action is required or necessary before or after the close of escrow, to the presence or use, generation, storage, release, threatened release, or disposal of hazardous materials by any person on the property before close of escrow. Seller's indemnity shall survive the closing for a period of five (5) years and shall be limited to the purchase price. In no event shall Seller be liable under this paragraph for any consequential, special or punitive damages.

37. **INFORMATION PROVIDED TO BUYER:** Buyer hereby acknowledges and agrees that all information provided to Buyer and Delphi Business Properties was obtained by Delphi Business Properties from third party sources which are deemed to be reliable, however, Delphi Business Properties makes no representation as to the accuracy of said information and Delphi Business Properties assumes no liability for any inaccuracies of same. Therefore, Buyer hereby agrees to conduct its own investigations that Buyer deems necessary to confirm the actual income, expenses and financial information and credit history associated with the existing tenancies that Buyer will experience in relation to its ownership of the Property. Buyer hereby acknowledges and agrees to hold Delphi Business Properties harmless from and against any loss, damage and/or liability incurred by Buyer as such relates to the inaccuracy of any information provided to Buyer from Delphi Business Properties and shall pay Delphi Business Properties' attorney fees from any resultant court action.
38. **PHYSICAL CONDITION OF THE PROPERTY:** Buyer hereby acknowledges and agrees that Delphi Business Properties is not aware of any physical defects or deficiencies in the Property that have not already been disclosed to Buyer. Buyer agrees to conduct its own independent physical inspection of the Property and hereby acknowledges and agrees to hold Delphi Business Properties harmless for any defects, deficiencies, damages or costs to repair such items that may result from Buyer's failure to conduct said physical inspection. Buyer shall indemnify Delphi Business Properties from and against any loss, damage, and/or liability in connection with Buyer's failure to physically inspect the Property and shall pay Delphi Business Properties' attorney fees from any resultant court action.
39. **LOW FLOW TOILETS:** Pursuant to Ordinance No. 172075, buyers of industrial property may be required to install low flow toilet and shower devices. Buyer should consult a plumber to determine if low flow devices are required.
40. **ZONING AND USE:** Delphi Business Properties and its representative agents make no representation or guarantee that the property is zoned correctly for Buyer's use or that the certificate of occupancy permit for the property is appropriate for Buyer's use. **BUYER SHOULD VERIFY WITH THE APPROPRIATE CITY ZONING AND OCCUPANCY PERMIT**

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DIVISIONS THAT BUYER'S USE IS ALLOWABLE FOR THE PROPERTY WITHIN THE STATED CONTINGENCY PERIOD. If Buyer shall fail to conduct such verification, then Buyer shall hold Broker harmless for any deficiencies, damage or costs associated with complying with City requirements or the potential requirement to cease unallowable operations. Buyer's initials below shall witness Buyer's acknowledgment of this provision.

Buyer's Initials

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41. SIZE: Seller and/or Seller's Agent does not warrant or guarantee that the size of the building or land as referenced in the Purchase Contract, information brochure, verbal representation or any other manner is the exact or actual size of the premise.
42. UL APPROVED: Buyer needs to confirm with the appropriate City agency that Buyer's machinery and equipment is UL approved and confirms with City requirements for machinery installation.
43. DEATH OR INCAPACITY: Should the Buyer become incapacitated or deceased while in escrow this purchase shall immediately terminate and all deposits shall be returned to their respective depositors less any required fees for inspections completed, appraisal, environmental inspection or other service contracted in association with this agreement. Seller herein acknowledges that Buyer shall not be subject to loss of liquidated damages or suit for additional damages by Seller due to incapacity or death.

BUYER:

BY:

[Signature]

DATE:

Jan 28-02

SELLER:

BY:

[Signature]

DATE:

Feb-11-02

BY:

[Signature]
ADAM SALTMAN

DATE:

January 28, 2002

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PRIVILEGED AND CONFIDENTIAL
ATTORNEY CLIENT MATERIAL

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
OF THE E/M CORPORATION FACILITY AT NORTH HOLLYWOOD, CALIFORNIA**

Prepared for:

Winthrop, Stimson, Putnam & Roberts
1133 Connecticut Avenue, NW
Washington, D.C. 20036

Sciences International, Inc.

Health and the Environment

SCIENCES

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Prepared by:

Sciences International, Inc.
King Street Station
1800 Diagonal Road, Suite 500
Alexandria, VA 22314-2808

November 5, 1996

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Purpose	1
1.2	Methodology	1
1.3	Special Terms and Conditions	2
1.4	Limitations or Exceptions of Assessment	2
2.0	SITE DESCRIPTION	3
2.1	Site and Vicinity Characteristics	3
2.1.1	Property Structures	5
2.1.2	Site Utilities/Wells/Septic Systems	5
2.3	Current Uses of Property	7
2.4	Past Uses of Property	8
2.5	Current and Past Uses of Nearby Property	8
3.0	POLYCHLORINATED BIPHENYLS (PCBs) AND ASBESTOS	10
3.1	PCBs	10
3.2	Asbestos	10
4.0	MATERIALS, PRODUCTS AND PESTICIDE MANAGEMENT	11
5.0	SOLID AND HAZARDOUS WASTE MANAGEMENT	12
5.1	Current Practices	12
5.2	Past Waste Management	12
5.3	Used Oil	13
6.0	AIR EMISSIONS MANAGEMENT	14
7.0	WASTEWATER MANAGEMENT	18
7.1	Current Wastewater Management	18
7.1.1	Process Wastewater	18
7.1.2	Permit By Rule	19
7.1.3	Sanitary Wastewater	22
7.2	Past Wastewater Management	22
7.3	Storm Water Management	22
8.0	STORAGE TANKS	23
8.1	Aboveground Tanks	23
8.2	Underground Tanks	23

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9.0	REMEDIAL INVESTIGATIONS	24
9.1	History of Investigations	24
10.0	OSHA and SARA TITLE III	26
10.1	OSHA	26
10.2	Hazard Communication and Training	26
10.3	Accident Reporting	26
10.4	Industrial Hygiene	26
10.5	Medical Surveillance	27
10.6	Personal Protection	27
10.7	Process Safety Management	27
10.8	OSHA Inspections	27
10.9	SARA Title III	28
11.0	RECORDS REVIEW	29
11.1	National Priorities List (NPL) and Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	29
11.2	RCRA Treatment, Storage, and/or Disposal Sites (RCRIS TSD)	29
11.3	RCRA Generators	29
11.4	EPA Emergency Response Notification System (ERNS)	30
11.5	Registered Underground Storage Tanks (USTs)	30
11.6	Registered Aboveground Storage Tanks (ASTs)	31
11.7	Leaking Underground Storage Tanks (LUST)	31
11.8	Solid Waste Disposal Facilities (SWLF)	32
11.9	State Hazardous Waste Response Sites (SPL)	32
11.10	Unmapped Sites	32
12.0	COMPLAINTS, VIOLATIONS AND LAWSUITS	33
13.0	CONCLUSIONS AND RECOMMENDATIONS	33
14.0	PHOTOGRAPHS	36
Appendix A:	Regulatory database searches	
Appendix B:	Air Emissions Estimates	
Appendix C:	Wastewater Management	
Appendix D:	Permit By Rule	
Appendix E:	Stormwater Management	
Appendix F:	San Fernando Valley Superfund Site	
Appendix G:	SARA: Title III Form R's	

LIST OF TABLES AND FIGURES

Figure 1	Site Location	5
Figure 2	Site Plan	8
Table 2	Permitted Air Emission Sources	18
Table 3	Emission Estimates for 1994	19

1.0 INTRODUCTION

1.1 Purpose

This report documents the results of a Phase I Environmental Site Assessment of the E/M North Hollywood, CA facility. The facility manufactures custom, high performance coating materials including solid film lubricants, electronic shielding materials and highly corrosion resistant coatings. It also applies coatings to customer products, mostly for the aerospace and automotive industries. The purpose of the assessment is to characterize potential environmental liabilities that may be associated with the current and past operations of the facility and with nearby land use.

1.2 Methodology

This assessment complies with the American Standard for Testing Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM, E1527). It also covers additional areas of inquiry: regulatory compliance, OSHA, SARA Title III, off-site waste disposal facilities used by the subject facility, and air emissions.

Information to support this assessment was obtained from:

- An on-site inspection of the subject property;
- Interviews with facility employees and review of available documents; and
- A regulatory database review to investigate facility and adjacent property compliance issues.

The on-site visit consisted of physical inspection of the property and any structures on it to obtain information on the uses and conditions of the property that might indicate any potentially "significant" environmental issues associated with them. Particular attention was paid to the possible existence of: storage tanks, drums or other containers of hazardous substances and petroleum products; solid waste; wells; septic systems; pits, ponds or lagoons; drains and sumps; site topography including storm water control; stressed vegetation, spills, stains or corrosion; asbestos; PCBs; and odors. No sampling and analysis of materials or environmental media (soil, water, air) were performed during the visit. Drive-by inspections were performed of areas bordering the property in order to identify any nearby areas of concern. The data bases reviewed during this assessment included:

- USEPA: National Priorities List (NPL);
- USEPA: Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS);

- State of California: Sites with Registered Aboveground Storage Tanks;
- State of California: Sites with Leaking Underground Storage Tanks;
- State of California: Solid Waste Information System (SWIF);
- State of California: Sites on State Priority List (SPL);
- State of California: Sites on State CERCLIS List (SCL),

The property was visited on August 26, 1996, by Dr. Jay Turim of Sciences International, Inc (SII) and Ms. Chuca Meyer of Winthrop, Stimson, Putnam & Roberts. The principal person interviewed was Mr. Robert L. Weible, Vice President, E/M's Western Regional Center. Mr. Greg Keough, Vice President Engineering and Regulatory Affairs was present during the site inspection and interview. Mr. Derek Needham, Western Operations Manager was also present for parts of the interview and conducted the site tour. Safety glasses were worn for the tour of the manufacturing areas in conformance with Company policy.

The environmental database report can be found in Appendix A. Photographs of the facility are in Section 14. Other documentation referred to in this assessment can be found in the appendices.

1.3 Special Terms and Conditions

This Environmental Site Assessment Report has been prepared by Sciences International, Inc. for the exclusive use of Winthrop, Stimson, Putnam & Roberts and its client for specific application to the subject property. However, this report may be reviewed by whoever else is determined by Winthrop, Stimson, Putnam & Roberts and its client to have such a need.

The only warranty made by Sciences International, Inc., in connection with these provided services, is that we have used the degree of skill ordinarily exercised under similar conditions by reputable members of our profession in the same or similar locality. No other warranty expressed or implied is made or intended.

1.4 Limitations or Exceptions of Assessment

The conclusions contained in this Environmental Site Assessment Report are based on conditions observed at the facility at the time of the site inspection, historical information, available database review, and interviews with site personnel. The data upon which these conditions are based are subject to change with time. This Environmental Site Assessment constitutes a cursory review of facility conditions and cannot confirm or rule out the presence or absence of contamination.

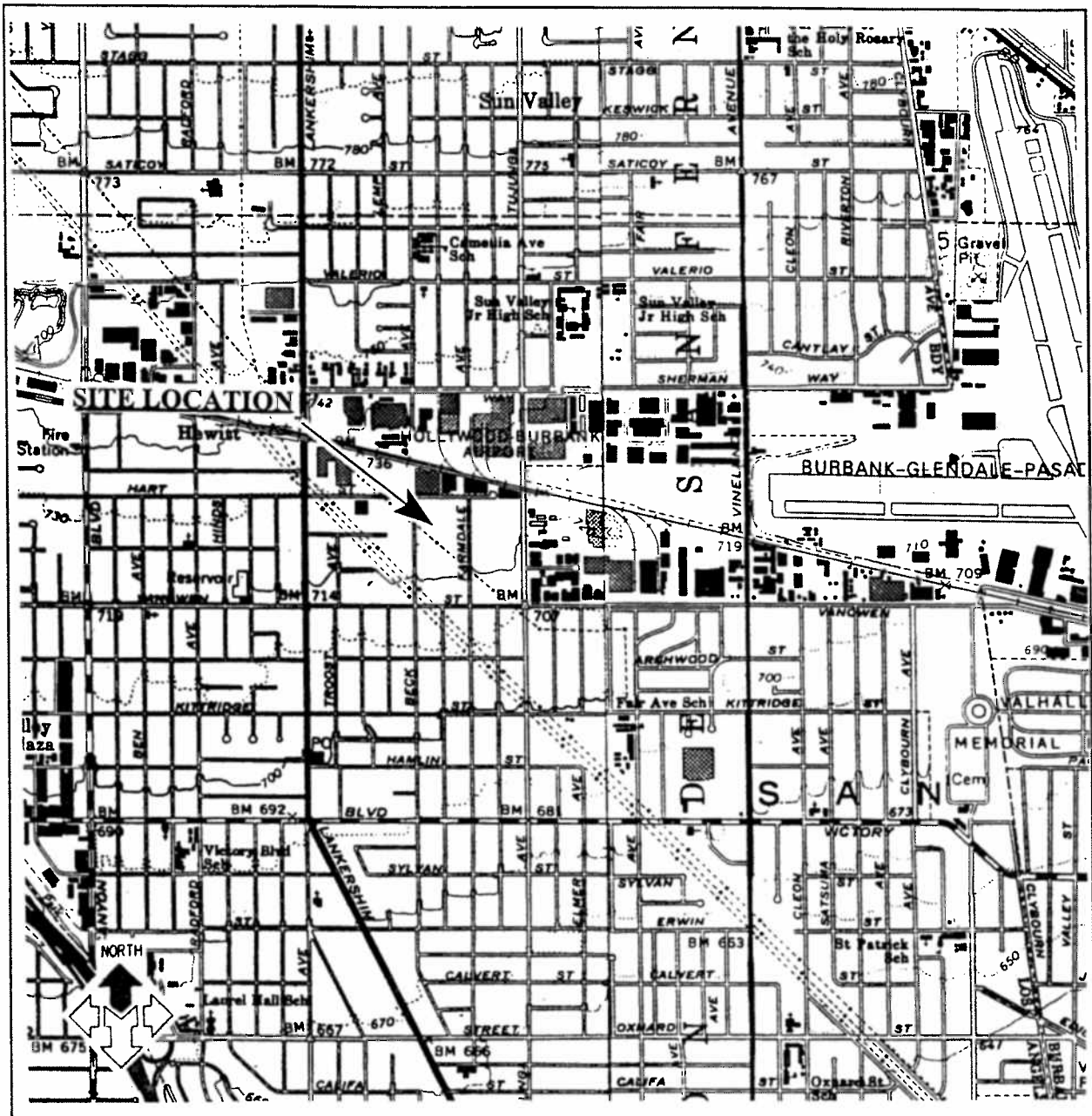
2.0 SITE DESCRIPTION

2.1 Site and Vicinity Characteristics

The facility is located in six buildings with addresses on Farmdale Avenue and Hart Street, North Hollywood, CA 91605, Latitude 34° 11' 02", Longitude 118° 24' 27", Elevation 710 ft (see Figure 1). It is close to the City of Burbank airport in an area which contains industrial, residential, and commercial properties. The facility is not known to be in a flood plain and has never been flooded. The facility is not in an area subject to severe storm events. Although in an earthquake-prone area, the facility has not suffered any damage from any earthquakes.

The facility is surrounded on three sides by industrial facilities. To the north is a producer of scenery for the movie industry which uses wood, paint, and plastics in its operations. To the west is a commercial anodizer. A facility that manufactures sanitary equipment such as lavatories and driers is located to the east. To the south is a residential area, with the nearest residence being about 500 yards away. The population within one mile of the plant numbers in the few thousands.

The nearest surface water body is the Los Angeles River about three miles to the south. The soils at the site are sandy. The water table is about 200 feet deep with the first productive aquifer at about 800 feet. The climate in the area is classified as "desert arid".



Not to Scale

Figure 1. Site Location

2.1.1 Property Structures

The facility's mailing address is 6940 Farmdale Ave, but each of the buildings comprising the facility has its own address. The main office and a portion of the application process area occupy 10,000 ft² at 6940 Farmdale Ave. Just south of and connected to this building is another 10,000 ft² structure, consisting of a laboratory, offices and additional application processing space. The address of this building is 6928 Farmdale Ave. East of these buildings are two other connected process buildings. The northern of the two occupies 3,500 ft² and has two addresses--11432 and 11430 Hart St. Product manufacturing takes place here. The other building, used for lubricant coating by the Microseal[®] process, occupies 5,500 ft² and has the addresses 6928½ and 6928¼ Farmdale Ave. In addition to these buildings, all owned by E/M Corporation, the facility leases two other buildings across Farmdale Ave., for warehousing and storage of dry goods contained in fiberboard drums, bags, and metal drums--6921 and 6910 Farmdale Ave. with areas of 7,500 ft² and 5,000 ft², respectively.

Each of the buildings is constructed of concrete block with concrete slab floors and wood planked roofs. Because of the temperate climate, the buildings are not insulated.

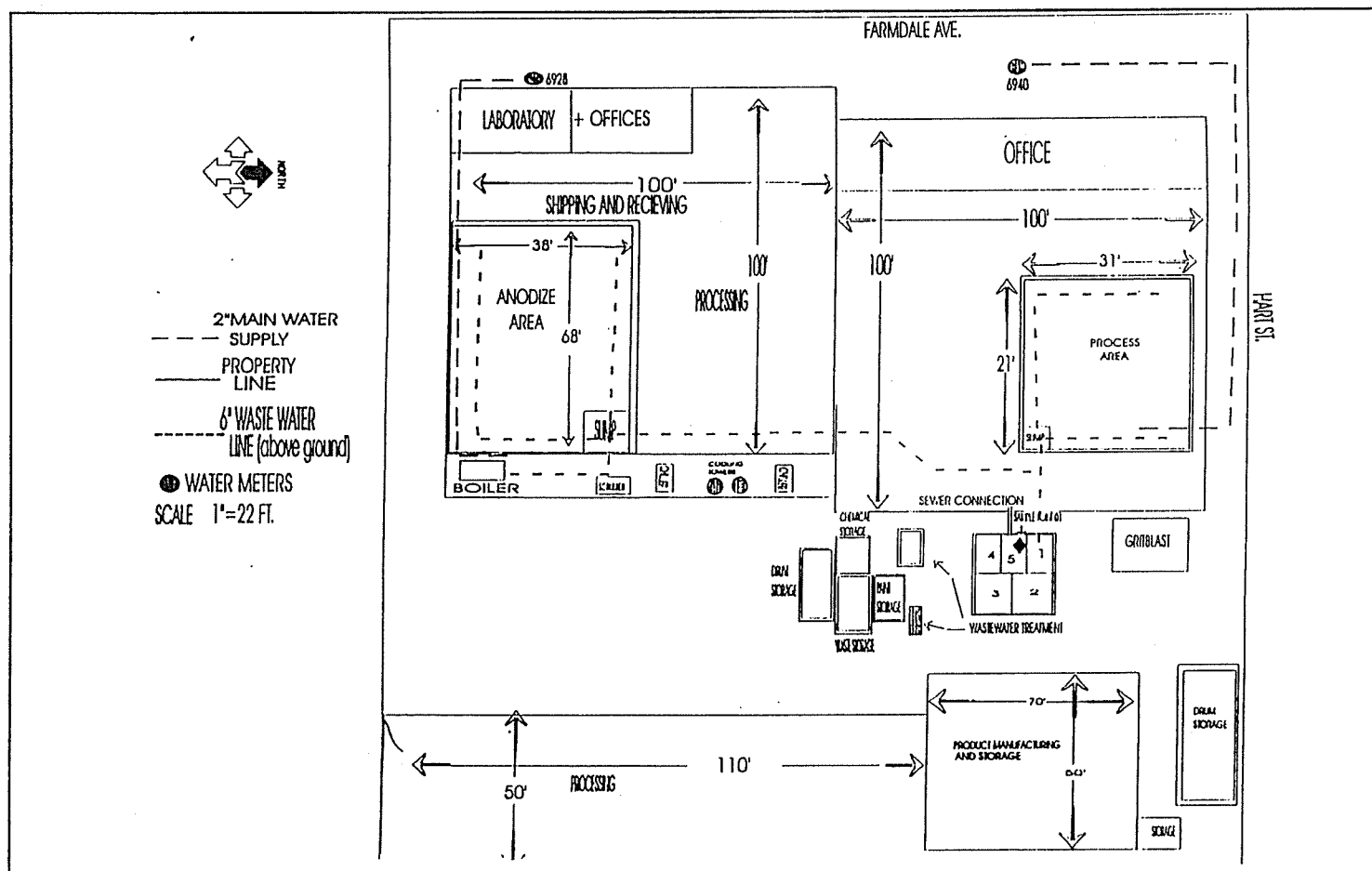
2.1.2 Site Utilities/Wells/Septic Systems

The facility purchases its electricity from the Los Angeles Department of Water and Power. Gas, for both heating and process is purchased from Southern California Gas. The facility operates a low pressure steam boiler for which it has an operating permit issued by the City of Los Angeles Department of Building and Safety (Permit No. AB8539, Expiration Date: 7/15/96). The facility also operates three compressors which are also permitted by the city Department of Building and Safety as pressure vessels (Permit Nos. RO55480, AB 8540, and A25077; Expiration Dates: 2/16/98, 6/18/97, and 6/18/97, respectively). The facility operates an electric ceramic furnace, and 18 ovens for curing coatings. Of the latter, 8 are fired by natural gas and 10 by electricity.

Offices are cooled by central air conditioning and the plant area by evaporative cooling. The facility also operates two 40-ton chillers for cooling the hard anodizing tanks. Two cooling towers are located near the chillers to dissipate heat from the chiller water as well as for coolant water for the vapor degreaser. Neither of the refrigeration systems contain CFCs or other Class 1 substances but the chillers do contain HCFCs.

Water for drinking, sanitary and process uses is obtained from the Los Angeles county with the water supply originating in the Colorado River and as run off from the Sierra Mountains. The facility does not operate any production wells.

The facility does not now have nor had in the past a septic system, always having been connected to the city wastewater system.



Not to Scale

Figure 2. Site Plan

2.3 Current Uses of Property

The facility manufactures solid film lubricants, conductive coatings, and highly corrosion resistant coatings. The facility also operates as a job shop applying the coatings it manufactures as well as purchased coatings to customer consigned products. In carrying out these operations, the facility engages in the following activities.

Pretreatment

- Anodizing of aluminum and titanium parts
- Passivation with nitric acid/sodium dichromate dip
- Phosphating with zinc, iron, and manganese phosphates
- Black oxide coating
- Chemical etching
- Alkaline cleaning
- Abrasive blasting
- Vapor degreasing

Coating

- Application by the Microseal® process, a high pressure application of lubrication solids (molybdenum disulfide and graphite)
- Powder coating
- Chemical coating

Manufacturing

- Solid film lubricant manufacturing

Typically, a combination of one or more pretreatments listed above are done before a coating is applied. Pretreatment is generally done by immersing the part to be treated in a series of tanks with rinsing following each unit process. In the anodizing area, three rinses are static with the rest of the rinses in this area running. In the process area, all the rinses, except for the one following passivation, are running. Maskants are applied to define the portions to be coated. The floors in the process areas are sealed by a chemical resistant 1/8" thick rubberized sheet, known as Petrotac.

1,1,1-Trichloroethane (TCA) is currently used as a vapor degreaser. It replaced tetrachloroethene, which was used until 1989-1990, and which in turn replaced trichloroethene as a degreasing agent in the early 1970s. The facility intends to replace TCA with a non-chlorinated azeotropic mixture of heptane and isopropyl alcohol. This change is scheduled to take place by November 1, 1996. The facility plans to remove the TCA vapor degreaser and its storage tank. A fire suppression system for the azeotropic mixture, using carbon dioxide as the agent, will be installed at the location of the current chlorinated solvent storage tank.

Coatings are applied by spray, dip, or tumble spray. After application of the solid film lubricant, the parts are oven cured on trays for up to four hours. After curing the parts are inspected, packaged, and shipped.

The manufacturing operation involves the blending of resins, pigments, and carriers which are typically a solvent blend such as toluene and ethyl alcohol; water is sometimes used as a solvent as are small quantities of chlorinated solvents. The blending consists of high speed dispersing of the pigments, resins, and carrier and then packaging in five gallon, one gallon, and/or one quart containers.

The facility also operates machine and maintenance shops at the 6910 Farmdale Ave. structure and has two quality control laboratories at the 11432 Hart St. building, one for viscosity testing and the other for batch testing of manufactured coatings.

The facility operates under the following Standard Industrial Classification (SIC) Codes: 3479-metal coating and allied services; 2992-lubricating oils and greases; 2851-paints and allied products.

2.4 Past Uses of Property

The facility, then known as Everlube Corp., moved to the property in 1953 when the 6928 Farmdale Ave. building was constructed. Everlube occupied 5,000 ft² of the building along with Scintilla Rail and Power, a manufacturer of dry transformers used in model trains and similar devices also occupied space. ABC Enameling, a firm that applied enamel paints to certain products occupied space at 6938 Farmdale Ave. which shared common property with 6928 Farmdale Ave. The facility increased its size as these firms vacated the premises in the 1960s and the other buildings were constructed. In 1990, the facility occupied the same 43,100 ft² as it occupies now.

Electroplating was performed at the facility until 1975, when the operation was discontinued.

2.5 Current and Past Uses of Nearby Property

The database search results summarized in Section 11.0 reveal some facilities within one mile of the facility which pose environmental concerns. The San Fernando Valley site which the surrounds the facility is on the National Priorities List and is an area of contaminated groundwater, as discussed above. Two other sites are listed on the federal CERCLIS and equivalent state list but both sites have been investigated and no further action is planned for either one of them. The state equivalent of CERCLIS also listed a site within 0.75 miles of the facility with the status that it was "referred to another agency". The facility, located in an industrial area, is surrounded by generators as defined by RCRA; there are 13 Small Quantity Generators and 8 Large Quantity Generators within one-eighth of a mile of the

North Hollywood facility. Similarly, twelve sites were identified within one-quarter of a mile from the facility that have registered underground storage tanks and five sites within one-half of mile that have leaking underground tanks. The closest of the sites with leaking underground tanks was greater than one-quarter mile from the facility.

The impact on the facility of the San Fernando Valley Superfund site will be discussed in Section 9.0. Other than that, there is no information to indicate that the E/M site has been impacted or that it would be included in any regulatory environmental actions associated with nearby properties.

3.0 POLYCHLORINATED BIPHENYLS (PCBs) AND ASBESTOS

3.1 PCBs

There are not known to be any PCB materials or PCB-containing equipment at the facility, with the possible exception of fluorescent light ballasts.

3.2 Asbestos

The facility has never manufactured asbestos containing products. Asbestos was present only in floor tiles, some of which were removed about 8 years ago. Facility personnel state that an asbestos survey was performed internally and no asbestos was found. However, because of the ages of the buildings, asbestos may be in some floor tiles, in wallboard, and in construction mastics. No evidence of friable asbestos was observed during the site visit. In this connection the facility should be aware that, under the OSHA asbestos standard of 1995, building owners and employers have certain duties and responsibilities with respect to employees who may come into contact with ACM or presumed ACM. Such employees should be trained with respect to the location of this material, the health hazards associated with it, signs of damage and deterioration and response techniques to releases of fibers. Records of identified and presumed ACM present in the building should be kept onsite and transferred to future owners/operators. In addition the facility should develop a written operation and management plan to ensure that individuals are not exposed to asbestos fibers above the OSHA permissible exposure limit.

4.0 MATERIALS, PRODUCTS AND PESTICIDE MANAGEMENT

The primary raw materials used are pigments and resin binders for the manufacturing of lubricant coatings, solvents as a carrier in the manufacturing operation and for cleaning, and pretreatment and processing chemicals for the application of coatings. A listing of the major substances follows:

Coatings manufacturing: molybdenum disulfide, graphite, nickel, antimony trioxide, lead phosphates, PTFE fluorocarbons, pigments, and aluminum paste. Except for the last item which contains some solvent and is stored at the main building all other material is stored in the leased space.

Resin binder: resins containing phenolics and epoxy, acrylics, polyurethane and inorganics (such as nickel sulfate). These materials are stored in diked areas next to the building and next to the hazardous waste storage pad.

Solvents: methyl ethyl ketone (MEK), chloroethene, ethyl alcohol, acetone, toluene, xylene, and isopropyl alcohol. These chemicals are stored outdoors in a diked area (Photograph 7) in quantities in the range of 100 to 200 gallons (as of July 31, 1996); other solvents are stored in smaller quantities including TCA (50 gallons), ethylene dichloride (30 gallons), and freon (45 gallons). The area is covered to reduce the sunlight on the products (Photograph 4). Most solvents are kept in 55 gallon containers but the facility is investigating the use of "totes"--550 gallon containers. Waste MEK is recycled through a still operating near the process area in the 6928 Farmdale Ave. building (Photograph 1). The still recycles about 15 gallons per day.

Processing coatings: 90% of the coatings applied at the North Hollywood facility are manufactured at the plant; the other 10% is purchased material. Manufactured coatings are kept inside a sprinklered, flammable storage room in the 6928 Farmdale Ave. building. Purchased material is kept in an outdoors drum storage area, measuring about 80' by 20', just north of the building. The area is covered by a mesh that is designed to reduce the intensity of sunlight on the raw materials.

Pretreatment chemicals: predominantly acids (oxalic, sulfuric, chromic, and nitric), phosphate treatment chemicals such as manganese and zinc phosphates, and enamel for use as a maskant in the coating operation. The acids are stored on diked pallets in the chemical storage building, a stucco structure constructed in 1957-1958 (Photograph 5). Powders are stored indoors.

The facility also stores one cylinder of argon gas which is used in the ceramic furnace and six cylinders of propane for use in the fork lift trucks.

5.0 SOLID AND HAZARDOUS WASTE MANAGEMENT

5.1 Current Practices

The facility is classified as a small quantity generator under RCRA (generating less than 1,000 kg per month of hazardous waste) and operates under EPA Identification No. CAD091719450. Five waste streams are generated from facility operations: filter cake resulting from the waste treatment operation (see below for a discussion of the wastewater treatment system); residue from solvent (MEK) cleaning operations; used spray booth filters and empty containers; waste paint related materials; and waste degreasing solvent (TCA).

The filter cake has been analyzed and determined to be non-hazardous according to RCRA. About one cubic yard of filter cake is disposed of per month at McKittrick Waste Disposal, McKittrick, CA- an industrial landfill.

The other four waste streams are hazardous and are stored in a 12 inch concrete floored and diked out-of-doors hazardous waste storage area (Photograph 6). This area is behind the Farmdale Ave. buildings and is secured from unauthorized entry by a chain linked fence topped with barbed wire. The area is not covered since there is a lack of rain in this naturally arid area. During the past year, these wastes have been disposed of at Rho-Chem Corp. Inglewood, CA or, in the case of the solvents, recycled by Pacific Resources Recovery, Los Angeles, CA. At the time of the site inspection, the hazardous waste area appeared to be well kept. However, a number of drums in the area were unlabeled.

In addition to these waste streams, the facility generates office trash which is stored in two dumpsters behind the main buildings. The dumpsters are emptied daily by Waste Management, Inc. and the contents stored in the local municipal landfill.

The facility maintains an organic solvent management plan, a hazardous waste management plan, and an emergency response plan.

5.2 Past Waste Management

Past waste management practices were similar to those currently employed except that different waste haulers and disposal facilities were used.

A separate memorandum from Counsel will discuss any liabilities that E/M may have as a Potentially Responsible Party (PRP) to any actions at these facilities.

5.3 Used Oil

The facility generates about 25 gallons of waste oil per month, mostly from its compressors and chillers. The waste oil, which is not considered hazardous by the state of California, is taken off site to be recycled by Industrial Service Co. Inc, in Los Angeles, CA.

6.0 AIR EMISSIONS MANAGEMENT

The North Hollywood facility has carbon absorption units installed on two of its spray booths (Photograph 8). All other point source emissions, predominantly from spray booths and ovens, are vented directly to the atmosphere. Sources of fugitive emissions include the still, the vapor degreaser, and the processing lines.

For the year July, 1995 to June, 1996 the facility estimated, on the basis of emission factors applied to usage, that it emitted the following quantity of organic gases from permitted sources (see Appendix B).

Material Description	Quantity of Organic Gas Emitted (lbs)
Solid film lubricant	7,371
Primer	1,084
Barrier coating	120
N-methyl pyrrolidone	26
Isopropyl alcohol	66
Enamel, other	117
MEK	1,722
Toluene	4,586
Butyl cellosolve	30
Isopropyl alcohol	2,647
Methanol	363
Ethyl acetate	68
Glycol ether	62
Mineral spirits	52
Xylene	310
Polyurethane	45
Methyl isobutyl ketone	28
Total	18,694 pounds (9.3 tons)

Approximately 3.3 additional tons of organic gases (MEK, toluene, and ethanol being the largest constituents) was estimated to be emitted from non-permitted sources.

The facility currently operates under permits issued by the South Coast Air Quality Management District (SCAQMD) (see Table 2 and Appendix B). All permits are scheduled to expire on October 1, 1996.

Table 2: Permitted Air Emission Sources

ID No.	Source	Control Equipment
M61731	Solvent Reclaim Still (1 Stage) Misc. Solvent	None
M58357	Degreaser 1,1,1 Trichloroethane <=11b/d VOC	None
D39839	Chlorinated & Halogenated HC Conveying	None
D57948	Degreaser 1,1,1 Trichloroethane (>1LB/D)	None

The SCAQMD has issued a number of rules regarding the application of coatings that are relevant to the facility. Rule 1107 is intended to reduce the emissions of volatile organic compounds (VOCs) from the coating of metal parts and products, except for certain applications including aerospace assembly. Rule 1124 has the same objective for aircraft and

spacecraft coating, assembly and cleaning operations. Rule 1104 applies to the VOC content of coatings applied to plastics and includes electronics.

Rule 1107 imposes limitations on VOC content of coatings that range from 2.3 lbs/gal (for general and military specification coatings that are baked) to 3.5 lbs/gal for most other coatings. However, Rule 1107 exempts solid film lubricants from these limitations. Rule 1124 imposes VOC limitations on solid film lubricants as shown in the following table.

VOC Limits under Rule 1124

Coating	Effective Date/Limit	Effective Date/Limit
Solid film lubricants for coating fasteners	1/1/96 880 g/l	1/1/98 250 g/l
Barrier coatings	1/1/96 420 g/l	1/1/98 420 g/l
Solid film lubricants for non-fasteners	Effective Immediately 880 g/l	

It should be noted that the limitations effective on 1/1/96 are the same as those in the draft Appendix A of the National Emission Standard for Hazardous Air Pollutants (NESHAP)¹ for aerospace manufacturing and rework facilities promulgated by USEPA, under Section 112 of the Clean Air Act Amendments of 1990 (CAAA), on 9/1/95. It should be noted that the federal aerospace manufacturing and rework NESHAP is applicable only to major sources of CAAA designated Hazardous Air Pollutants (HAPs); i.e., facilities which generate more than 10 tons of any one HAP or greater than 25 tons of a combination of HAPs. The North Hollywood facility does not meet these criteria and is not a major source of HAPs. As can be seen from the table above, on 1/1/98, the SCAQMD limits are scheduled to be reduced- to a limit substantially lower than the NESHAPs. If As the North Hollywood facility applies its coatings in either of the two spray booths equipped with carbon absorption units, it will be able to meet this limit (which is imposed at the point of discharge into the atmosphere) as long as it does the coating in the appropriate booths.

As indicated above, the for the year ending June 30, 1996 the facility estimated that it emitted 10.3 tons of volatile organics. This is above the 10 ton limit for major sources of

¹Future NESHAPs that may be relevant to the facility are "Plastic Parts and Products--Surface Coating" and "Miscellaneous Metal Parts and Products--Surface Coating" the planned promulgation date of both of which is by November 15, 2000.

volatile organic compounds in the South Coast district, an extreme non-attainment area for ozone. Thus, without further control equipment, the facility will have to undergo Title V permitting when that program goes into effect. SCAQMD received interim authorization from the USEP in August 1996 to operate its Title V program. SCAQMD announced its intention of dividing the universe of Title V facilities into three groups. Its current schedule calls for Group A facilities to submit its application packages by December 20, 1996; Group B facilities by March 24, 1997; and Group C facilities by June 23, 1997. The schedule calls for Title V permits to be issued to Groups A, B, and C by August 29, 1997, August 28, 1998, and August 27, 1999, respectively. The North Hollywood facility belongs to Group B, but the dates shown may be delayed.

The facility has had inspections over the years by personnel from SCAQMD. The most recent inspection resulted in the facility being issued a notice of violation in June, 1996, which according to facility personnel was the first one the plant has ever received. The facility was cited for using conventional spray guns instead of the high volume low pressure (HVLP) spray guns required by SCAQMD Rule 1124. E/M replied in August, 1996, admitted the mistake and stated that it has eliminated the possibility of another problem of this sort occurring by keeping conventional equipment under lock and key. According to facility personnel, SCAQMD accepted this corrective action and fined the facility penalties between \$200 and \$250.

During the site visit there was no noticeable odor outdoors, but there was a strong organic smell near the spray facilities. There were no visible emissions during the day of the visit.

7.0 WASTEWATER MANAGEMENT

7.1 Current Wastewater Management

7.1.1 Process Wastewater

Process wastewater is generated from the running rinses that follow a number of the facility's unit operations, making the facility subject to the Metal Finishing Point Source Category and Electroplating Point Source Category (Coating and Chemical Etching and Milling subparts) pretreatment requirements. Process wastewater is treated and discharged to the City of Los Angeles sewer system under Permit W-179816 (see Appendix C) issued by the city's Department of Public Works, Bureau of Sanitation (expiration date: April 30, 1999).

The total quantity of wastewater generated from the anodizing and processing operations is estimated by the facility in its 1996 permit application to be 7,735 gallons per day. An additional 80 gallons per day are generated from cooling tower bleed-off, backwash from a water softener, and boiler blowdown.

The wastewater treatment plant is located just east of the 6940 Farmdale Ave. building (Photograph 9). Wastewater from the anodizing and main process areas are collected in two concrete sumps, each 3 ft by 2 ft by 4 ft, located in their respective areas. The combined wastewater from the sumps is discharged into an above ground tank where hexavalent chromium is reduced to the trivalent form by the addition of sodium metabisulfite. After flocculant is added and the pH is adjusted to facilitate the precipitation of the solids, the wastewater flows to a settling tank from which it is pumped to a clarifier. The wastewater then flows to a filter press (Photograph 10) where about one cubic yard per month of the dewatered sludge is removed and disposed of as non-hazardous waste (Photograph 11). The filtrate is pumped to a tank for final pH adjustment before discharge to the city sewer.

The permit limits the discharge of a number of metals, cyanide, total toxic organics, dissolved sulfides, chlorides, oil and grease, and pH. The facility is required to monitor for these constituents once every two months and report the results to the city. The facility is also required to monitor and report on the presence of TCA and chloroform but no limits are set on these parameters. The sampling point is near the below ground clarifier system just at the point where the flow joins the city sewer system.

For the past three months, the volume of discharge averaged over 10,000 gallons per day. If this quantity persisted, the facility would be considered to be a "significant discharger" and subject to increased monitoring and reporting requirements and increased POTW user fees. In order to keep its average daily flow below the 10,000 gallon per day limit, the facility is considering installing a reverse osmosis unit at the site of the wastewater treatment system for recycling a portion of the water (Photograph 2). The facility estimates that about 50% of its discharge can thus be recycled at an installation cost of about \$45,000.

In February, 1992, because of exceedences of its permit limits, the facility was ordered by the city to increase its self monitoring program. In January, 1993, the facility's wastewater permit was temporarily suspended by the city's Bureau of Sanitation because wastewater nickel, chromium, and pH exceeded permit limitations. The facility believed that the exceedences occurred because the metering pumps that dispense chemicals for reducing and flocculating the heavy metals temporarily malfunctioned. The permit was conditionally reinstated three days later with final reinstatement contingent upon the Bureau conducting sampling. In April, 1993 the city notified the facility that its permit had received final reinstatement and that all enforcement actions arising out of the January exceedences were terminated (Appendix C). The facility was required to pay the city the costs that the city incurred as a result of the enforcement action.

The facility was also told that any future permit violations may lead to "escalated enforcement action, including permit revocation". During the past three years, records that were available to the audit team indicate that the facility has exceeded its discharge limitations only once--on January 31, 1996 the Bureau of Sanitation issued a notice of violation to the facility for "exceeding local pollutant limitations" and "violating national categorical pretreatment standards. The violation resulted from a reading at the sampling point indicating nickel at 15.3 mg/L (permit limit: 12.0 mg/L) and zinc at 2.1 mg/L (permit limit: 1.43 mg/L). According to facility personnel, the city accepted the facility's explanation for this occurrence and no fines were imposed.

7.1.2 Permit By Rule

California requires facilities that treat hazardous waste to obtain a permit from the State Department of Toxic Substances Control (DTSC). To facilitate obtaining a permit, the DTSC has adopted Permit by Rule (PBR) regulations for fixed treatment units. Facilities are eligible for PBR if they are not required to obtain federal RCRA treatment permits and if they use DTSC approved treatment technologies. State regulations define "treatment" to mean "any process or method designed to change the character or composition of a hazardous waste."

Third party liability coverage had been initially required of all PBR facilities for claims arising from sudden and accidental occurrences but this requirement was subsequently repealed by the state. The facility must still, however, demonstrate financial assurance to cover the cost of closure of the treatment system. In 1995, the legislature required all permitted facilities to submit a Phase I Environmental Assessment Checklist to the DTSC by January 1, 1997.

In February 1996, the state adopted emergency regulations making significant changes to acceptable methods for establishing financial assurance mechanisms and determining closure costs. The new rules made more mechanisms available and eased requirements for determining closure costs. They also required facilities under PBR to obtain its closure

financial assurance mechanism by October 1, 1996 and submit it to the state by January 1, 1997.

Also in early 1996, the DTSC published guidance to highlight changes in the permitting program. Of special interest is a set of flowcharts for assigning waste streams and treatment units to the different tiers of the state permitting system (see Appendix D). Depending upon the type and quantity of wastes generated and the manner of treatment, a facility may be exempt from some of the requirements of the permit by rule regulations.

The North Hollywood facility was authorized by the DTSC in July 1993 to operate the following four treatment units pursuant to PBR.

- PBR Unit #1: Disposal of coating material containers
- PBR Unit #2: Processing water treatment system
- PBR Unit #3: Multi-component resin disposal
- PBR Unit #4: Batch treatment processing chemicals

The following table compares the parameters included in the Onsite Hazardous Waste Treatment Notification Form prepared by the facility in 1993 (Appendix D) with the parameters given in the state guidance on PBRs.

PRIVILEGED AND CONFIDENTIAL
ATTORNEY CLIENT MATERIAL

PBR FTU	Quantity (gal/mo)	Waste Stream	Processes	Criteria
#1	80	Container disposal	Rinsing Crushing	<500 lbs/mo: CESQT >500 lbs/mo: PBR
#2	170,000	Aqueous wastes with Cr VI	Reduction to Cr III; pH adjust, precipitation, filtration	<u>Chrome reduction</u> <55 gal/mo: CESQT >55 gal/mo: <750 ppm: CA >750 ppm: PBR
#3	10	Resin compounds	Mixing	<500 lbs/mo: CESQT >500 lbs/mo: PBR
#4	500	Aqueous wastes with Cr VI	Reduction to Cr III; pH adjust, precipitation, filtration	<u>Chrome reduction</u> <55 gal/mo: CESQT >55 gal/mo: <750 ppm: CA >750 ppm: PBR

(FTU-Fixed Treatment Unit; CESQT-Conditionally Exempt Small Quantity Treatment; CA-Conditional Authorization; PBR-Permit by Rule)

In December 1994, the facility prepared a closure plan (Appendix D) for these four units in which the costs of closing the four units were estimated as follows:

PBR Unit	Removal of Wastes	Removal of Tanks, Equipment, etc	Decontamination	Sampling	Certification	Total Cost*
1	350	0	2,338	1,068	2,000	6,907
2	35,163	1,215	99,120	9,148	5,000	179,576
3	780	0	13,789	1,068	2,500	21,763
4	28,518	1,425	112,856	8,488	5,000	187,543
TOTAL						\$395,789

* Total cost includes 20% contingency

DTSC's authorization to operate the North Hollywood plant's treatment systems under PBR that was reviewed as part of this audit expired on March 1, 1996 (Appendix D). It is not known whether a new authorization is in effect. The facility has not satisfied the requirement to have closure financial assurance in place by October 1, 1996, which must be submitted to the state on January 1, 1997. The facility also will be required to submit the Phase I site assessment to DRTSC on January 1, 1997. The facility should also review whether all four units should continue to be classified as PBR units; it may be that they can be reclassified under one of the less stringent categories.

7.1.3 Sanitary Wastewater

The facility discharges its sanitary wastewater to the city's sanitary sewer system. There are not reported to be any problems with this discharge.

7.2 Past Wastewater Management

Wastewater had been discharged to the city sewer system until 1992 with little pretreatment. Because of permit violations, the wastewater treatment system was substantially upgraded 1992, with the addition of a lamella plate clarifier, filter press, and pH adjusting equipment.

7.3 Storm Water Management

Storm water from roof drains and surface areas of the facility flows along the paved area between the two sets of buildings in a northerly direction towards Hart Street, where it flows west eventually reaching the Los Angeles River, three miles away. This discharge is covered by a general permit issued by the state's Water Resources Control Board (Identification No. 4B19S001224). The permit expired on June 30, 1996 and according to facility personnel, an application and check has been sent to the state to renew it. As of the time of the site visit, no renewal had been received by the facility.

The permit requires the facility to sample storm water flow at Hart Street for pH, specific conductance, oil and grease, total suspended solids, and total organic carbon. Annual site inspections and periodic observations of the discharge location on Hart Street are also required. The facility's annual report for 1995-1996 (see Appendix E) show that it has complied with all these requirements. No concerns have been expressed by authorities about the facility's management of storm water.

8.0 STORAGE TANKS

8.1 Aboveground Tanks

The facility stores TCA used in the degreasing operation in a 240 gallon, steel, 5 year old, aboveground tank located in the process area of the building at 6940 Farmdale Ave. The tank is filled by pump truck and product is removed in small hand-held containers. Since the tank is located indoors and the area is bermed, a spill would not easily reach the outdoor environment (Photograph 3).

A second TCA vapor degreaser and storage tank was in use on the anodizing line until they were removed from the facility in the early 1990s.

8.2 Underground Tanks

There are no underground tanks currently in use at the site, nor have there been any in the past.

9.0 REMEDIAL INVESTIGATIONS

9.1 History of Investigations

In March, 1988 the facility received a notice from the U.S. EPA's Region IX requesting information about the site history and prior investigations which EPA claimed to be relevant to an investigation that EPA was conducting of groundwater contamination in the San Fernando Valley (see Appendix F). Apparently EPA had discovered two groundwater contamination plumes consisting of tetrachloroethene and trichloroethene, substances that E/M had used, in the North Hollywood area.

Six months later, after the facility responded to EPA's request, the California Regional Water Quality Control Board (CRWQCB) requested that the facility perform a subsurface investigation. In June, 1989 the facility complied by advancing nine soil borings and analyzing samples for volatile organics. Apart from methylene chloride which was believed to be a laboratory contaminant, the only chemical detected was tetrachloroethene at levels of up to 80 ppb at depths of up to 10 feet below the surface.

The state then required the facility to advance borings to 40 and then to 80 feet. Additional hits of tetrachloroethene at levels near 10 ppb were recorded at depths of up to 60 feet. No hits were recorded between 65 and 80 feet.

In December, 1992 the CRWQCB requested that E/M undertake extensive soil gas testing, a request that E/M rejected on March 10, 1993. One week later, EPA demanded payment of \$16.8 million from E/M and other potentially responsible parties (PRPs) to recover the costs of investigation and remediation at the San Fernando Valley Area 1 North Hollywood Operable Unit Superfund Site; the California Department of Toxic Substance Control demanded an additional \$540,000. In April, 1993, through its outside counsel--the law firm of Beveridge & Diamond--E/M requested that EPA withdraw the demand. The request was based on the following assertions: (1) E/M did not release the substances that incurred response costs; (2) the facility property is outside the groundwater contamination plume; (3) a maximum of only 80 ppb was found in facility soils, orders of magnitude lower than found in the soils of other facilities in the area; (4) the soil levels at E/M were far lower than at other sites that were no longer being considered by EPA to be responsible parties.

In April, 1993, E/M and other PRPs signed a tolling agreement to toll the statute of limitations for an additional three months (Appendix F). Over the next months E/M met with the other PRPs and discussed various ways of responding to EPA's demand. Internally, after considerable debate on the pros and cons of attempting to settle with EPA, and making a settlement offer for \$150,000 which was refused (EPA allocated a \$500,000 share to E/M), E/M decided not to settle.

The original tolling agreement having expired, E/M had signed a new tolling agreement extension in January, 1995. When the extension expired, E/M refused to sign a third extension and the statute of limitations ran out on the federal case.

Although the federal Superfund case against E/M appears to have expired, the state is pursuing the matter further. The CRWQCB renewed (date unknown) EPA's earlier request that E/M conduct a soil gas investigation. In October, 1995, E/M, stating that the soil gas migration below the E/M site is not an important pathway, refused the state's request. In December, 1995 CRWQCB wrote to E/M, stating that soil gas investigation "...will provide soil data which will help us to determine whether or not your site needs soil mitigation measures" and directed E/M to perform the site investigation (Appendix F). In February 1996, E/M again rejected CRWQCB in a letter (Appendix F) that concluded, "this site simply does not warrant...the expenses that would be incurred in any additional work" and that "...any further investigation of the E/M property is not warranted."

No later information on this topic was available.

10.0 OSHA and SARA TITLE III

10.1 OSHA

Dave Garduno, the Plant Manager, is responsible for Safety and Health matters at the facility.

The facility has a written Safety and Health Statement, which has been prepared by the E/M Corporation. A safety manual is on display and is part of the employment package provided to all new employees. The facility also has two safety committees, one for processing and one for manufacturing which meet monthly with minutes taken of the meetings.

10.2 Hazard Communication and Training

The facility maintains a written hazard communication training program and keeps records of the employees who are trained. Material Data Safety Sheets (MSDSs) are kept at work stations as appropriate with a master file kept in the office. When material is delivered to the facility, the receiving inspector reportedly checks to see that the latest MSDSs are on file.

10.3 Accident Reporting

The facility has a written procedure for accident reporting and maintains OSHA 200 logs. There has been zero lost time for injuries over the past two years. The facility maintains a "Safety Bingo" program whereby cash prizes, the sizes of which increase periodically as long as no time is lost, are awarded to employees.

10.4 Industrial Hygiene

The facility has identified two occupational hazards: noise and exposure to particulates.

Noise dosimetry tests are conducted annually by internal staff. Sound levels have been identified in the Microseal® area at the 90 dBA level, for one hour per 8 hour shift. This is due to a straight blade fan at the baghouses in the area. Employees in this area are provided with hearing protection. The area where grid blasting operations take place is also noisy, measuring at 75 dba. Annual hearing tests are provided to affected employees by the Van Owen Medical Group.

Employees who operate the spray booths are exposed to particulates. The spray booths are measured for air flow by air filter pressure gauges that indicate when the filters are clogged.

Employees are no longer exposed to cadmium, the use of which has been discontinued, but there is a corporate level interest in potential exposure to lead. Lead is a component of some of the solid film lubricants manufactured to mil spec. During the first half of September, 1996 Great Lakes Chemical Corp. personnel took air samples in the manufacturing area and submitted the samples for lead analysis. The results of the laboratory analysis are not yet available.

10.5 Medical Surveillance

Employees are not given preemployment medical examinations but are given drug and alcohol tests at the time of employment and randomly thereafter. In-depth medical records are maintained for all employees.

10.6 Personal Protection

Safety glasses, gloves, disposable respirators, and safety shoes are provided to employees on request. All employees are required to sign a statement before being issued respirators stating that they have been trained and understand the use of the respirator.

The facility has three eye wash stations and three showers. Emergency care is provided by a clinic close to the facility; more serious cases could be treated at an emergency hospital located a few miles from the facility.

10.7 Process Safety Management

The facility maintains standard operating procedures for each of its operations which any employee who is involved must sign stating that he/she understands the procedures. The facility has a lockout/tagout procedure, a scheduled maintenance program for equipment and a confined space entry plan (although no confined spaces have been identified at the facility).

Workplace machinery is inspected weekly by the maintenance foreman, with documentation maintained by the facility. Inspections are done twice a year for proper equipment and machinery guarding. The facility has a forklift truck training program.

10.8 OSHA Inspections

The last time that the facility was inspected by authorities for occupational safety and health was about four or five years ago when inspectors from the state OSHA visited the site. According to facility management, the visit did not result in any citations.

10.9 SARA Title III

The Emergency Planning and Community Right-to-Know Act of 1986 (also known as SARA Title III) contains community "right-to-know" reporting requirements found in Sections 311 and 312. Section 311 requires facilities that must prepare or have available MSDSs to submit either copies of its MSDSs or a list of its MSDS chemicals to the local emergency planning committee, the state emergency response commission and the local fire department. Section 312 requires a facility to submit an emergency and hazardous chemical inventory form (Tier I or Tier II) to the local emergency planning committee, the state emergency response commission and the local fire department. Hazardous chemicals covered under Sections 311 and 312 are those for which MSDSs are required by OSHA and which are present at the facility, on any one day, in quantities above 10,000 lbs for hazardous chemicals, or for extremely hazardous substance 500 lbs or its threshold planning quantity, whichever is lower. The facility has reportedly complied with the requirements of Section 311 and has submitted Tier II information to the proper parties.

In accordance with SARA Title III, Section 313², the facility submitted toxic chemical release inventory forms (Form R's) for xylenes (mixed isomers), toluene, TCA, and MEK. The Form R submissions for calendar year 1995 can be found in Appendix G.

Both the Form R and Tier II documentation reviewed appear to be appropriately filed. Facility personnel state that they have received no notices of deficiency regarding these submissions.

²Section 313 requires EPA to establish an inventory of routine toxic chemical emissions. Facilities subject to this reporting requirement are required to complete a Toxic Chemical Release Form (Form R) for specified chemicals. This reporting requirement applies to facilities with 10 or more employees that are in SIC codes 20 through 39 (i.e manufacturing facilities) and that manufacture, process or otherwise use a listed toxic chemical in excess of specified thresholds. Facilities manufacturing or processing any of the listed chemicals in excess of 25,000 pounds in a year or facilities otherwise using listed chemicals in excess of 10,000 lbs. are required to submit Form R's.

11.0 RECORDS REVIEW

As part of this environmental assessment, Sciences International, Inc. retained VISTA Environmental Information, Inc. to search federal and state environmental databases. All searched distances are in conformity with ASTM standards. A detailed report of the regulatory database search is provided in Appendix B while the results of these searches are summarized below.

11.1 National Priorities List (NPL) and Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

NPL sites are designated by the USEPA for Superfund cleanup. This database was searched to 1 mile. CERCLIS sites are sites under review by the USEPA. This database was searched to ½ mile. The agency release dates for these databases were September, 1995 and March, 1996.

The subject facility is not on the NPL or CERCLIS list. One NPL site and three CERCLIS sites were found within the search area. The NPL site identified is the San Fernando Valley site which surrounds the subject facility and is an area of contaminated groundwater. The status of the site is that it is listed on final NPL. The last action at the site was completed on July 8, 1993. This site is also listed as a CERCLIS site. The two other CERCLIS sites which were identified are the Pacific Airmotive site, located at 6909 Lankershim Blvd, and the Pacific Airmotive site located at 6853 Lankershim Blvd. Preliminary Assessments at both of these sites were completed on September 1, 1984 and no further remedial action is planned at either site.

11.2 RCRA Treatment, Storage, and/or Disposal Sites (RCRIS TSD)

The RCRIS TSD database includes information on sites that treat, store, and/or dispose of hazardous waste. This database was searched to 1 mile. The agency release date for this database was February, 1996.

There were no sites, including the subject facility, identified as being RCRA TSDs within the search area.

11.3 RCRA Generators

The RCRA generators list is a compilation by the USEPA of facilities that generate large or small quantities of hazardous waste. This database was searched to 1/8 mile. The agency release date for this database was February, 1996.

The subject facility, E/M Lubricants Inc., is listed as a RCRA Large Quantity Generator of hazardous waste. There were 13 Small Quantity Generators and 8 Large

Quantity Generators, other than the subject facility, within the search distance. The following are all listed as Small Quantity Generators: Alternator Supply Research, located adjacent to the site; RB Aircraft Supply Inc., located 0.02 miles to the south; Pacific Magnetic and Penetrant Inc., located 0.03 miles to the south; Foreign Auto Electric, located 0.03 miles to the northwest; Scenery West, located 0.03 miles to the north; Walt Disney Imagineering, located 0.07 miles to the east; Venture Clothing Inc., located 0.07 miles to the east; Laidlaw Transit, located 0.07 miles to the east; Vintage Restorations LTD, located 0.07 miles to the west; Fleetwood Machine Products Inc., located 0.09 miles to the south; Mercury Circuits Inc., located 0.11 miles to the southeast; Auto Sport Engines, located 0.09 miles to the south; and Pacific Metal Stampings Inc., located 0.10 miles to the south. The following are all listed as Large Quantity Generators: Superior Thread Rolling Co, Inc., located adjacent to the subject facility; Casa de Chrome, located <0.01 miles to the south; Nobur Cleveland Twist Drill, located <0.01 miles to the south; Pacific Steel Treating Co, Inc., located 0.04 miles to the south; McDonald Kenneth Designs, located 0.05 miles to the east; TC Circuits Inc., located 0.11 miles to the southeast; Semco Instruments Inc., 0.12 miles to the southwest; and Karseal Corp., located 0.11 miles to the northwest.

11.4 EPA Emergency Response Notification System (ERNS)

The ERNS list is a compilation by the US EPA, the National Response Center, the U.S. Coast Guard, and the US DOT of facilities that have reported releases of oil and hazardous substances. This database was searched to 1/8 mile. The agency release date for this database was June, 1995.

A search of this database for the period October, 1986 through June, 1995 revealed one site within the search area. Praxis Film Works, located 0.07 miles to the east, is listed as having spilled 800 gallons of developer solvent on July 25, 1990.

11.5 Registered Underground Storage Tanks (USTs)

The Underground Storage Tank Registrations Database was searched to identify sites with underground storage tanks within 1/4 mile of the subject facility. The agency release date for this database was January, 1994.

The subject facility was not identified as having an underground storage tank. Twelve other sites within the search area were identified by the database search as having registered underground storage tanks. Nine of these sites are within 1/8 mile of the subject facility. Turnberry Properties, located adjacent to the subject facility, is listed as having underground storage tanks although the database does not report the number of tanks, their contents, or their status. Pacific Steel Treating Co. Inc., located 0.04 miles to the south, is reported to have four tanks; the contents and status of which are not reported. Laidlaw Transit, located 0.07 miles to the east, is listed as having underground storage tanks although the database does not report the number of tanks, their contents, or their status. Almore Dye House, Inc.,

located 0.07 miles to the east, is listed as having underground storage tanks although the database does not report the number of tanks, their contents, or their status. General Wax Co. Inc., located 0.08 miles to the southwest, is listed as having underground storage tanks although the database does not report the number of tanks, their contents, or their status. The Gale Thompson site, located 0.10 miles to the southwest, is listed as having five underground storage tanks; the contents and status of which are not reported. Pacific Metal Stampings Inc., located 0.10 miles to the south, is listed as having one underground storage tank that contains miscellaneous chemicals. The status of this tank is listed as closed. The Lou Nathanson site, located 0.11 miles to the south, is listed as having underground storage tanks although the database does not report the number of tanks, their contents, or their status. Karseal Corp. site, located 0.11 miles to the northwest, is listed as having three underground storage tanks; the contents and status of which are not reported.

The remaining three sites with underground storage tanks are within the 1/8-1/4 mile search area. Abbot Industrial Supply International, located 0.13 miles to the west, is listed as having underground storage tanks although the database does not report the number of tanks, their contents, and their status. Tuneup Masters Inc., located 0.21 miles to the southeast, is listed as having underground storage tanks although the database does not report the number of tanks, their contents, and their status. Allen Nebel, located 0.23 miles to the southwest, is listed as having one underground storage tank containing an unspecified type of oil. The status of this tank is listed as closed.

11.6 Registered Aboveground Storage Tanks (ASTs)

The Aboveground Storage Tank Database was searched to identify sites with aboveground storage tanks within 1/4 mile of the subject facility. The agency release date for this database was February, 1996.

No sites, including the subject facility, were identified as having aboveground storage tanks within the search area.

11.7 Leaking Underground Storage Tanks (LUST)

The LUST Information System (LUSTIS) was searched to identify all sites within 1/2 mile that have leaking underground storage tanks. The agency release date for this database was April, 1996.

The subject facility was not identified in the database search as having any leaking underground storage tanks. Five sites within 1/4 to 1/2 mile of the subject facility were identified during the database search. The Bendix Corp., located 0.34 miles to the northwest, is listed as having a leaking solvents tank. The Thrifty #016 site, located 0.35 miles to the west, is listed as having a leaking underground tank containing an unspecified type of gasoline. The Hawker Pacific site, located 0.36 miles to the northeast, is listed as having a

leaking underground storage tank containing an unspecified type of hydrocarbons. The LA Unified School District site located 0.40 miles to the northeast, is listed as having a leaking underground storage tank containing an unspecified type of gasoline. Sun Valley Junior High School, located 0.49 miles to the northeast, is listed as having a leaking underground storage tank containing diesel fuel. The status of the tanks identified in the LUSTIS search are listed as "not available."

11.8 Solid Waste Disposal Facilities (SWLF)

The California Solid Waste Information System (SWIS) was searched to identify the active municipal solid waste management facilities in the state. This database was searched to ½ mile of the subject facility. The agency release date for this database was March, 1996.

There are no solid waste disposal facilities at the subject facility nor at any other location within the search distance.

11.9 State Hazardous Waste Response Sites (SPL)

Two databases were searched to determine SPL site and SCL sites. The agency release date for the Calsites Database: Annual Workplan Sites was January, 1996 and the agency release date for the Calsites Database: All Sites except Annual Workplan Sites was also January, 1996. These databases were searched to 1 mile.

The subject facility is not listed as a SPL or SCL site. One SPL site was identified within the search area. The San Fernando Valley site, of which the subject facility is located in, has a status listing of "currently on final NPL". The pollutants at this site are listed as "unknown". Three SCL sites were identified from the database search. The two Pacific Airmotive sites, located at 6909 and 6853 Lankershim Blvd. are listed as SCL sites. The state status of the two sites is listed as "referred to another agency". The pollutants at these sites are unspecified solvent mixtures and two unknown pollutants. The third SCL site is Nickel Solution Recycling Inc., located 0.75 miles to the northwest. The pollutants at this site are nickel, cadmium, and contaminated soil. The state status for the site is listed as "referred to another agency."

11.10 Unmapped Sites

In addition to the above sites, one "risk" site is classified as unmapped because it is close to the zip code of the subject facility but insufficient information is available to map the site. The database search report, provided in Appendix B, lists this site. This site is listed as an SPL site. Although it is potentially of concern, it is highly unlikely that this site, or any of the above mapped sites, would significantly impact the E/M operations.

12.0 COMPLAINTS, VIOLATIONS AND LAWSUITS

The facility reports that, apart from the items discussed in other sections of this report, it has not been notified by regulatory authorities of any violations, deficiencies or warnings nor has it been involved in any lawsuits or any other legal action with respect to environmental matters and no information was found during the audit to contradict this. Facility personnel are also not aware of any complaints related to odor, dust or noise.

13.0 CONCLUSIONS AND RECOMMENDATIONS

The Phase I environmental site assessment for the E/M North Hollywood facility examined the following potential areas of concern: site history; adjacent land usage; site structures and operations; utilities; asbestos; PCBs; storage tanks; chemicals, fuels, wastes, air emissions; occupational health and safety, emergency preparedness and environmental regulatory databases.

Based on this assessment some areas of potential environmental concern have been identified and are discussed below. Recommendations have been made where relevant.

1. Hazardous Waste

At the time of the site visit, the hazardous waste area appeared to be well kept. However, a number of drums were observed to be unlabeled. The facility should ensure that each drum has a clear label, showing the drum's contents and the date when the storage period began.

2. Vapor Degreaser

The facility plans to replace its TCA degreaser with a non-chlorinated azeotropic mixture in the near future, thus making the facility free of the use of all chlorinated solvents. The TCA storage tank and all remaining stores of TCA should also be removed and properly disposed of.

3. Wastewater Management

The facility's wastewater permit was temporarily suspended in 1992 because its discharges exceeded certain permit limitations. Although the permit was reinstated in 1993, the facility was told that future permit violations may lead to escalated enforcement actions. The facility was issued a notice of violation in January, 1996 for again exceeding limits. The facility should review its procedures and processes to ensure that no further violations occur.

The facility has recently been discharging more than 10,000 gallons of wastewater per day to the POTW. If this quantity persisted, the facility would be considered a "significant discharger" and subject to increased monitoring and reporting requirements and increased user fees. The facility should complete its plan to install a reverse osmosis unit in order to recycle a portion of its wastewater and ensure that its discharge remains below 10,000 gallons per day.

The facility was authorized by the state to operate four fixed treatment units under Permit by Rule (PBR). The PBR authorization apparently expired on March 1, 1996. If it was not renewed, the facility is currently operating its treatment units illegally and the facility

should apply for reinstatement of the authorization immediately. The facility was also required to establish a financial mechanism to cover estimated closure costs by October 1, 1996, which it did not do. The facility should establish a mechanism immediately so that it can be submitted to the state as required on January 1, 1997. The facility will also be required to submit a Phase I Site Assessment checklist to the state on January 1, 1997. The facility should review the classification of the four units and the closure plan it prepared in 1994 to make certain that it complies with subsequent guidance developed by the state.

4. Storm Water Permit

The facility's discharge of storm water is covered by a general permit issued by the state. The permit expired on June 30, 1996. Facility personnel state that a renewal application and check have been sent to the state but no response has been received. This situation should be followed up promptly so that there is appropriate documentation in the files that the facility is discharging its storm water legally.

5. Air Emissions

For the year ending June 30, 1996 the facility estimated that its emissions of volatile organics was 10.3 tons. This quantity exceeds the 10 ton limit for a major source in the South Coast Air Quality Management District (SCAQMD), an extreme non-attainment area. Therefore without further control equipment to augment its two carbon adsorption units, the facility will probably have to apply for a Title V permit when the SCAQMD institutes its permit program, probably in late 1998 or 1999. The facility should consider installing additional equipment to avoid the costly application for and implementation of a Title V permit.

State VOC limits for compliant solid film lubricants for coating fasteners is scheduled to be reduced from its present value of 880 grams per liter to 250 grams per liter on January 1, 1998. This may limit the application of these coatings to only those booths that are equipped with carbon adsorption units.

6. Remedial Investigation

Although the facility appears to be clear of the Superfund action in the San Fernando Valley, the state is pursuing the matter further. The state appears to be persisting in its request that the facility conduct additional soil investigations, a request that the facility is firmly refusing. The possibility that the facility will be required to perform the additional investigations, and if results are positive, to do remediation, cannot be precluded.

SITE ASSESSMENT REPORT

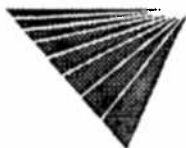
PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: 1068 EM CORPORATION 6940 FARMDALE AVE NORTH HOLLYWOOD, CA 91605 Latitude/Longitude: (34.196042, 118.380265)	DARCY LEWIS SCIENCES INTL INC-ALEXANDRIA 1800 DIAGONAL RD STE 500 ALEXANDRIA, VA 22314-2808

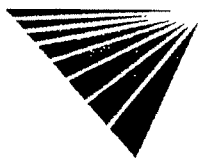
Site Distribution Summary			within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
Agency / Database - Type of Records						
A) Databases searched to 1 mile:						
US EPA	NPL	National Priority List	1	0	0	0
US EPA	TSD	RCRA permitted treatment, storage, disposal facilities	0	0	0	0
STATE	SPL	State equivalent priority list	1	0	0	0
STATE	SCL	State equivalent CERCLIS list	0	0	2	1
B) Databases searched to 1/2 mile:						
US EPA	CERCLIS	Sites under review by US EPA	1	0	2	-
STATE	LUST	Leaking Underground Storage Tanks	0	0	5	-
STATE	SWLF	Permitted as solid waste landfills, incinerators, or transfer stations	0	0	0	-
C) Databases searched to 1/4 mile:						
STATE	UST	Registered underground storage tanks	9	3	-	-
STATE	AST	Registered aboveground storage tanks	0	0	-	-
D) Databases searched to 1/8 mile:						
US EPA	ERNS	Emergency Response Notification System of spills	1	-	-	-
US EPA	LG GEN	RCRA registered large generators of hazardous waste	9	-	-	-
US EPA	SM GEN	RCRA registered small generators of hazardous waste	13	-	-	-

This geographic database search meets the American Society for Testing Materials (ASTM) standards for a government records review. A (-) indicates the search distance exceeds ASTM search parameters.

LIMITATION OF LIABILITY

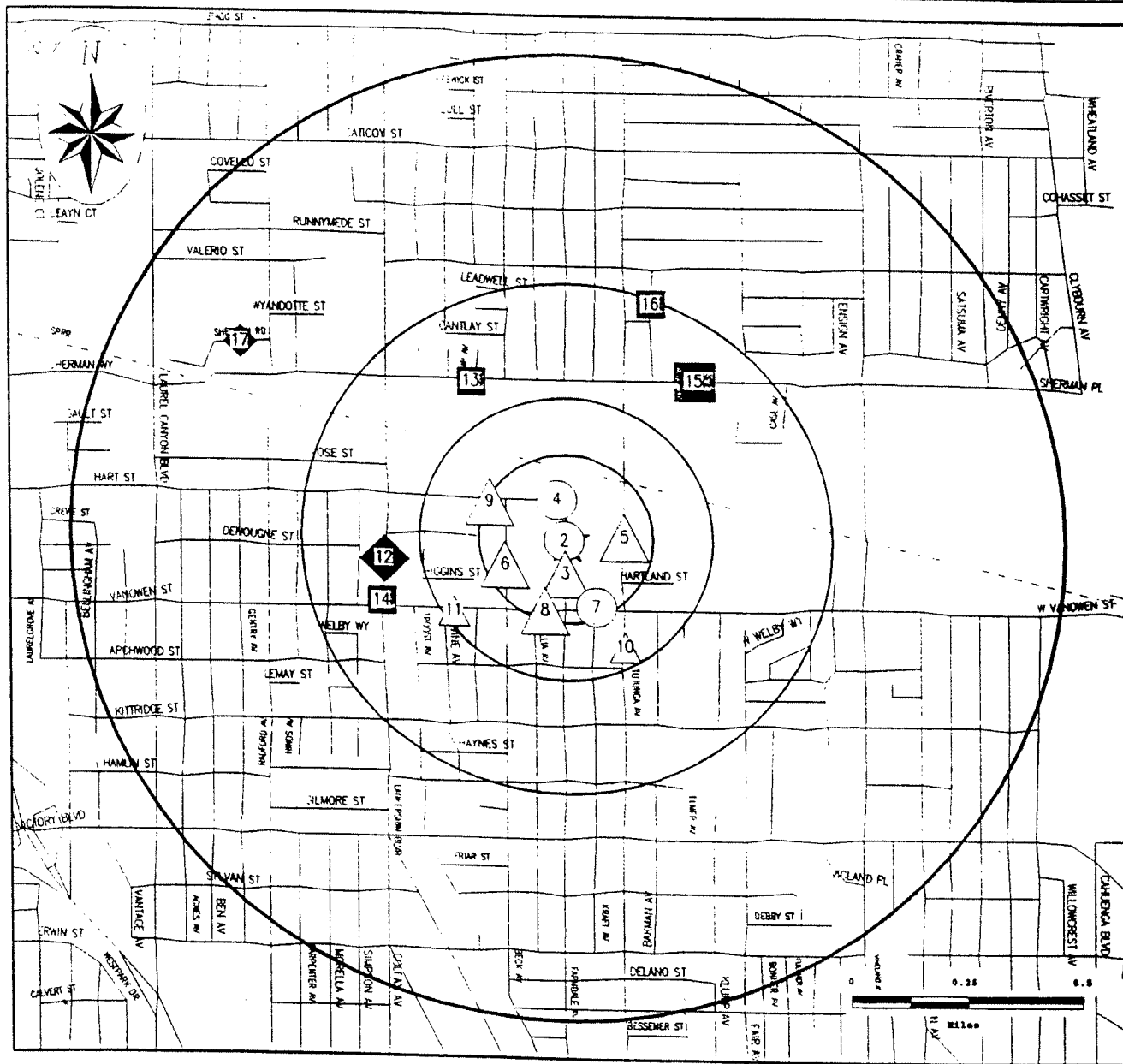
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SITE ASSESSMENT REPORT

Map of Sites within One Mile



Subject Site	Category:	A	B	C	D
	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
★	Single Sites	◆	■	△	○
	Multiple Sites	◆	■	△	○
Roads Highways Railroads Rivers or Water Bodies Utilities		NPL, SPL, SCL, TSD	CERCLIS, LUST, SWLF	UST	ERNS, GENERATORS

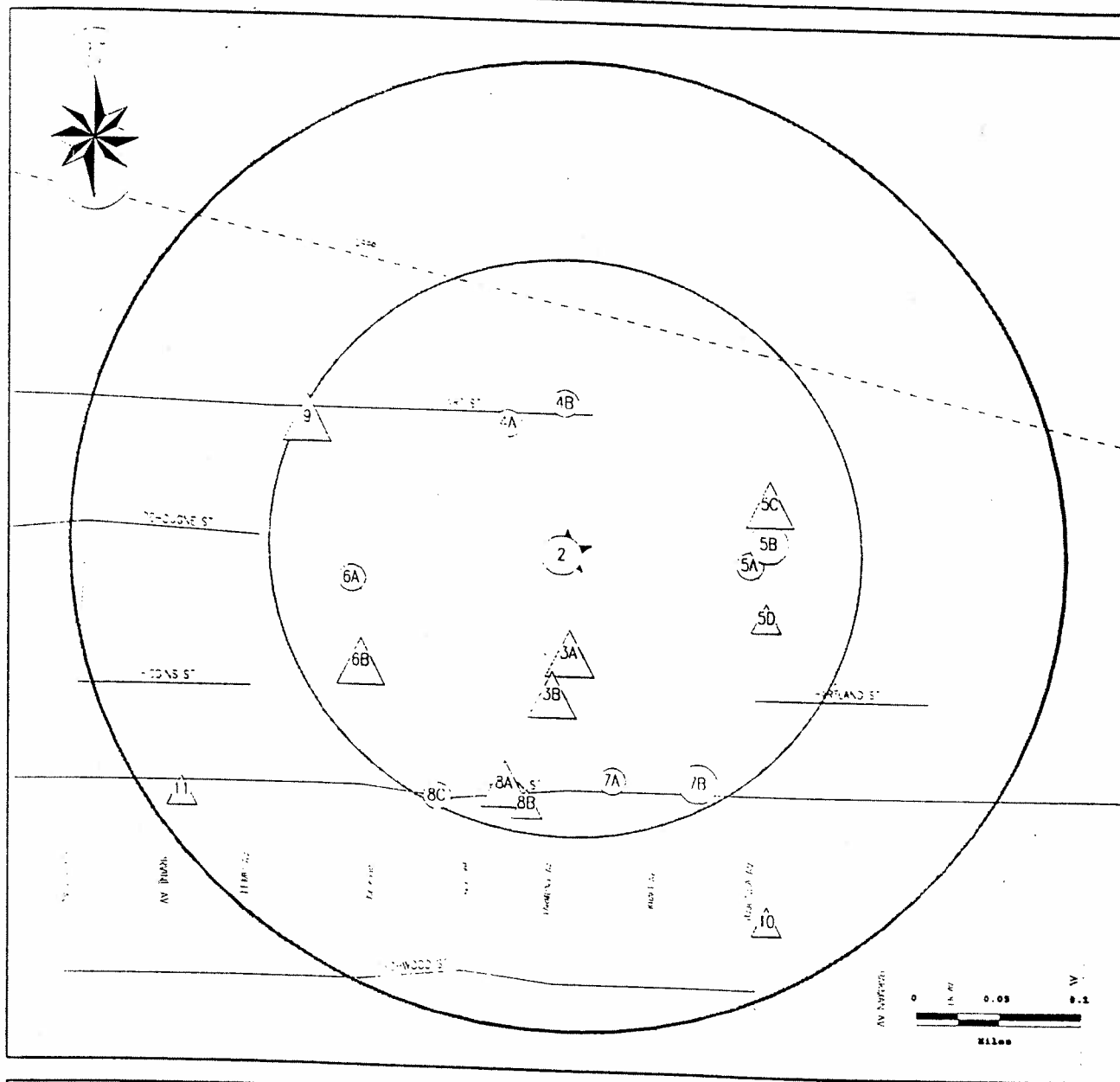
For More Information Call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403
Report ID: 111960-006

Date of Report: August 12, 1996
Page #2



SITE ASSESSMENT REPORT

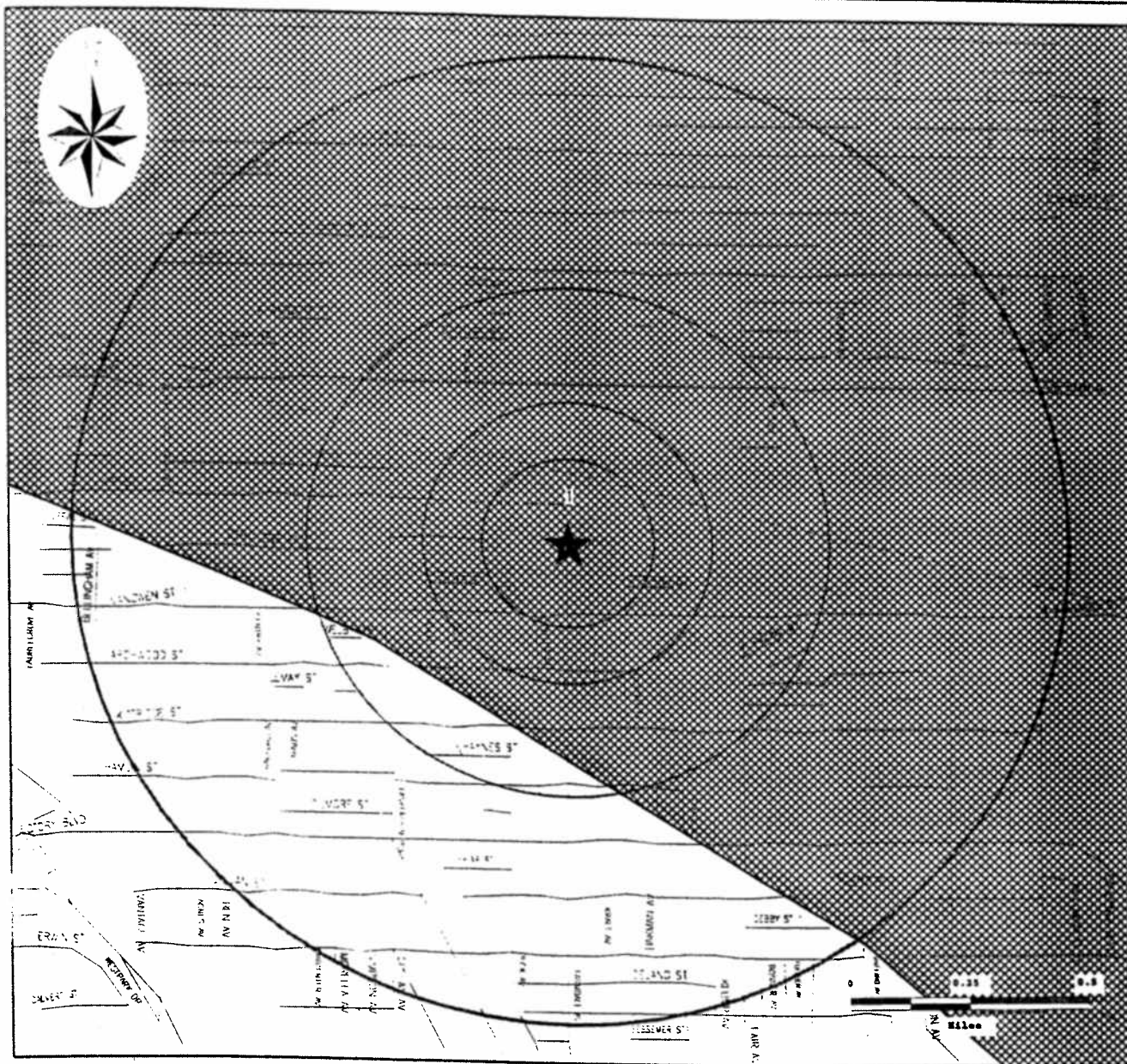
Map of Sites within Quarter Mile



Subject Site	Category:	A	B	C	D
★	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
	Single Sites	◆	■	△	○
	Multiple Sites	◆	■	△	○
—	Roads	NPL, SPL, SCL, TSD	CERCLIS, LUST, SWLF	UST	ERNS, GENERATORS
—	Highways				
—	Railroads				
—	Rivers or Water Bodies				
—	Utilities				

SITE ASSESSMENT REPORT

Sites Represented as Polygons



These boundaries are approximated from agency records or other sources such as published maps. They may represent property boundaries, impact zones, or study areas. For more information contact the agency referenced by source number in the site listing.



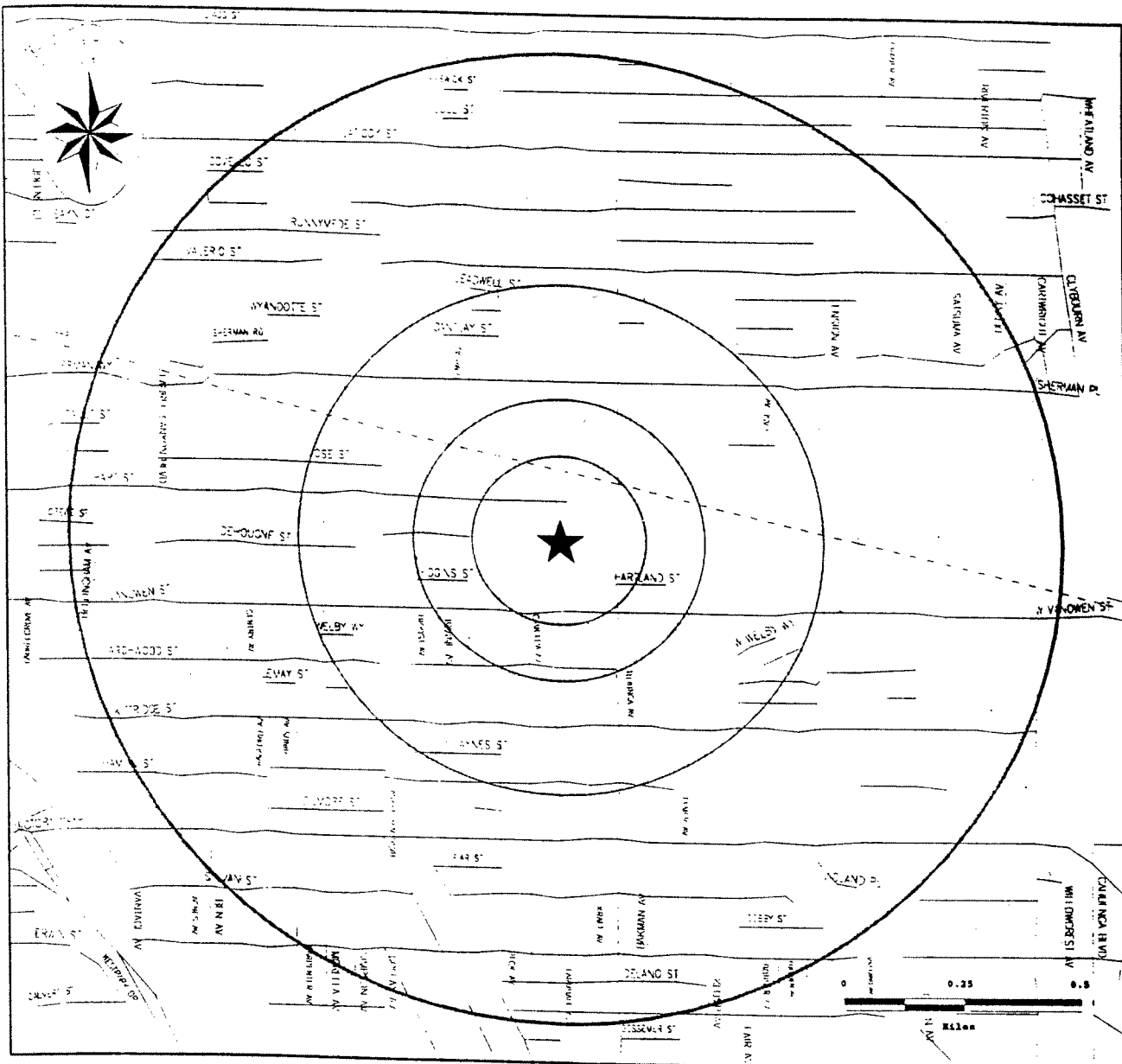
Subject Site



Roads
Highways
Railroads
Rivers or Water Bodies
Utilities

SITE ASSESSMENT REPORT

Street Map



Subject Site



Roads, Highways, Rivers, Water Bodies

Railroads, Utilities

SITE ASSESSMENT REPORT

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A				B			C		D		
			NPL	TSD	SPL	SCL	CERCLIS	LUST	SWLF	UST	AST	ERNS	LG GEN	SM GEN
1	SAN FERNANDO VALLEY (AREA 1) NORTH HOLLYWOOD WELLFIELD AREA NORTH HOLLYWOOD, CA 91600	367289 0.00 MI	X		X		X							
2	E/M LUBRICANTS INC 6940 FARMDALE AVENUE NORTH HOLLYWOOD, CA 91605	139194 0.00 MI ADJACENT											X	
2	ALTERNATOR SUPPLY RESEARCH 6945 FARMDALE NORTH HOLLYWOOD, CA 91605	14895 0.00 MI ADJACENT												X
2	SUPERIOR THREAD ROLLING CO, INC 6926 FARMDALE AVE NORTH HOLLYWOOD, CA 91605	413559 0.00 MI ADJACENT											X	
3A	TURNBERRY PROPERTIES INC 6872 FARMDALE NORTH HOLLYWOOD, CA 91605	4027051 0.00 MI ADJACENT								X				
3A	CASA DE CHROME 6868 FARMDALE AVE NORTH HOLLYWOOD, CA 91605	72574 <0.01 MI S											X	
3A	NOBUR CLEVELAND TWIST DRILL 6860 FARMDALE AVE NORTH HOLLYWOOD, CA 91605	298285 <0.01 MI S											X	
3A	RB AIRCRAFT SUPPLY INC 6848 FARMDALE AVE NORTH HOLLYWOOD, CA 91605	348086 0.02 MI S												X
3B	PACIFIC MAGNETIC AND PENETRANT INC 6837 FARMDALE AVE NORTH HOLLYWOOD, CA 91605	5182362 0.03 MI S												X
3B	PACIFIC STEEL TREATING CO INC 6829 FARMDALE AVE NORTH HOLLYWOOD, CA 91605	317478 0.04 MI S								X			X	
4A	FOREIGN AUTO ELECTRIC 11468 HART NORTH HOLLYWOOD, CA 91605	158290 0.03 MI NW												X
4B	SCENERY WEST 11461 HART ST NORTH HOLLYWOOD, CA 91605	5209545 0.03 MI N												X
5A	MCDONALD KENNETH DESIGNS 6905 TUJUNGA AVE NORTH HOLLYWOOD, CA 91605	264109 0.05 MI E											X	
5B	WALT DISNEY IMAGINEERING 6904 TUJUNGA AVE NORTH HOLLYWOOD, CA 91605	4867058 0.07 MI E												X
5B	PRAXIS FILM WORKS 6918 TUJUNGA AVENUE NORTH HOLLYWOOD, CA 91605	200090235 0.07 MI E										X		

X = search criteria; • = tag-along (beyond search criteria).

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Report ID: 111960-005

Version 2.4.1

Date of Report: August 12, 1996

Page #6

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A				B		C		D			
			NPL	TSD	SPL	SCL	CERCLIS	LUST	SWLF	UST	AST	ERNS	LG GEN	SM GEN
5C	VENTURE CLOTHING INC 6934 TUJUNGA AVE NORTH HOLLYWOOD, CA 91605	3203813 0.07 MI E												X
5C	LAIDLAW TRANSIT 6950 TUJUNGA AVE NORTH HOLLYWOOD, CA 91605	235589 0.07 MI E							X					X
5D	ALMORE DYE HOUSE, INC. 6850 TUJUNGA NORTH HOLLYWOOD, CA 91605	4044338 0.07 MI E							X					
6A	VINTAGE RESTORATIONS LTD 6915 BECK AVE NORTH HOLLYWOOD, CA 91605	3192382 0.07 MI W												X
6B	GENERAL WAX CO INC 6858 BECK NORTH HOLLYWOOD, CA 91605	169329 0.08 MI SW							X					
6B	GALE THOMPSON 6849 BECK NORTH HOLLYWOOD, CA 91605	1250448 0.10 MI SW							X					
7A	FLEETWOOD MACHINE PRODUCTS INC 11447 VANOWEN ST NORTH HOLLYWOOD, CA 91605	3204484 0.09 MI S												X
7B	MERCURY CIRCUITS INC 11423 VANOWEN ST-UNIT 1 NORTH HOLLYWOOD, CA 91605	267817 0.11 MI SE												X
7B	T C CIRCUITS INC 11417 VANOWEN ST NORTH HOLLYWOOD, CA 91605	418286 0.11 MI SE											X	
8A	AUTO SPORT ENGINES 11477 VANOWEN ST NORTH HOLLYWOOD, CA 91605	3204485 0.09 MI S												X
8A	PACIFIC METAL STAMPINGS INC 11489 VANOWEN ST NORTH HOLLYWOOD, CA 91605	316749 0.10 MI S							X					X
8B	LOU NATHANSON 11470 VANOWEN NORTH HOLLYWOOD, CA 91605	4045577 0.11 MI S							X					
8C	SEMCO INSTRUMENTS INC 11505 VANOWEN ST NORTH HOLLYWOOD, CA 91605	373945 0.12 MI SW											X	
9	KARSEAL CORP 11552 HART ST NORTH HOLLYWOOD, CA 91605	224301 0.11 MI NW							X				X	

MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID DISTANCE DIRECTION	A		B		C		D					
			NPL	TSD	SPL	SCL	CERCLIS	LUST	SWLF	UST	AST	ERNS	LG GEN	SM GEN
9	ABBOT INDUSTRIAL SUPP INT'L IN 11604 HART NORTH HOLLYWOOD, CA 91605	1260112 0.13 MI W									X			

X = search criteria; • = tag-along (beyond search criteria).
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Report ID: 111960-006

Version 2.4.1

Date of Report: August 12, 1996

Page #7

MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID DISTANCE DIRECTION	A				B		C		D		
			NPL	TSD	SPL	SCL	CERCLIS	LUST	SWLF	UST	AST	ERNS	LG GEN
10	TUNEUP MASTERS INC. 6730 TUJUNGA NORTH HOLLYWOOD, CA 91609	433507 0.21 MI SE								X			
11	ALLEN NEBEL 11622 VANOWEN NORTH HOLLYWOOD, CA 91605	4045578 0.23 MI SW								X			

MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	A			B			C		D		
			NPL	TSD	SPL	SCL	CERGLIS	LUST	SWLF	UST	AST	ERNS	LG GEN
12	PACIFIC AIRMOTIVE 6909 LANKERSHIM BLVD NORTH HOLLYWOOD, CA 90068	481184 0.32 MI W				X	X						
12	PACIFIC AIRMOTIVE 6853 LANKERSHIM BLVD NORTH HOLLYWOOD, CA 90068	314418 0.33 MI W				X	X						
13	BENDIX CORP 11600 SHERMAN WAY NORTH HOLLYWOOD, CA 91605	43948 0.34 MI NW						X				.	
14	THRIFTY #016 6800 LANKERSHIM BLVD NORTH HOLLYWOOD, CA 91600	932152 0.35 MI W						X					
15	HAWKER PACIFIC 11310 SHERMAN WY SUN VALLEY, CA 91352	552184 0.36 MI NE						X	.				
15	LA UNIFIED SCHOOL DISTRICT 11247 SHERMAN WY SUN VALLEY, CA 91352	2748754 0.40 MI NE						X					
16	SUN VALLEY JUNIOR HIGH SCHOOL 7330 BAKMAN AVE SUN VALLEY, CA 91352	932348 0.49 MI NE						X	.				

MAP ID	SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	VISTA ID DISTANCE DIRECTION	A		B		C		D					
			NPL	TSD	SPL	SCL	CERCLIS	LUST	SWLF	UST	AST	ERNS	LG GEN	SM GEN
17	NICKEL SOLUTION RECYCLING INC 11940 SHERMAN RD NORTH HOLLYWOOD, CA 91605	297099 0.75 MI NW				X	•							

X = search criteria; • = tag-along (beyond search criteria).

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

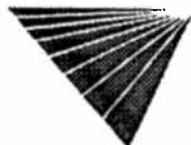
Report ID: 111960-006

Date of Report: August 12, 1996

Version 2.4.1

Page #8

UNMAPPED SITES	A				B		C		D			
	NPL	TSD	SPL	SCL	CERCLIS	LUST	SWLF	UST	AST	ERNS	LG GEN	SM GEN
PACIFIC AIRMOTIVE HANG#2 UNITED AIRPORT UNION AIR TERM BURBANK, CA 91500				X								
VISTA ID 1585350												



X = search criteria; • = tag-along (beyond search criteria).

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 111960-006

Date of Report: August 12, 1996

Page #9

SITE ASSESSMENT REPORT

DETAILS

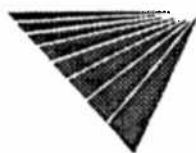
PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

VISTA Address*:	SAN FERNANDO VALLEY (AREA 1) NORTH HOLLYWOOD WELLFIELD AREA NORTH HOLLYWOOD, CA 91600	VISTA ID#:	367289
		Distance	0.00 MI
		Plotted as:	Polygon
NPL - National Priority List / SRC# 2640		EPA ID:	CAD980894893

Map ID

1

Agency Address:		SAN FERNANDO VALLEY (AREA 1) NORTH HOLLYWOOD WELLFIELD AREA LOS ANGELES, CA 91600 CURRENTLY ON FINAL NPL		
NPL Status:		MIXED OWNERSHIP		
Site Ownership:		NOT AVAILABLE		
Lead Agency:		SAN FERNANDO #1 IS AN AREA OF CONTAMINATED GROUNDWATER IN VICINITY OF N. HOLLYWOOD, CA. THIS AREA IS PART OF THE SAN FERNANDO VALLEY BASIN, A NATURAL UNDERGROUND RESERVOIR THAT IS SOURCE OF DRK WATER FOR 3MIL. CONTAMINATED WTCE, PCE, CAR		
Description:				
Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
COMBINED R/VFS	EPA FUND-FINANCED	UNKNOWN	AUGUST 16, 1985	NOT REPORTED
COMMUNITY RELATIONS PLAN	EPA FUND-FINANCED	UNKNOWN	MARCH 18, 1985	NOT REPORTED
FORWARD PLANNING PROCESS	EPA FUND-FINANCED	UNKNOWN	AUGUST 23, 1984	NOT REPORTED
MANAGEMENT ASSISTANCE (FEDERAL ENUMERATION)	EPA FUND-FINANCED	UNKNOWN	JANUARY 12, 1988	NOT REPORTED
REMEDIAL INVESTIGATION	RESPONSIBLE PARTY	UNKNOWN	FEBRUARY 18, 1994	NOT REPORTED
RECORD OF DECISION	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	NOT REPORTED
TECHNICAL ASSISTANCE IN R/VFS	EPA FUND-FINANCED	UNKNOWN	SEPTEMBER 30, 1985	NOT REPORTED
PAYMENT RECEIVED FROM PRP'S	STATE, FUND FINANCED	UNKNOWN	DECEMBER 1, 1989	NOT REPORTED
ADMINISTRATIVE RECORD	STATE, FUND FINANCED	ADMIN RECORD COMPILATION / REMEDIAL EVENT	JUNE 26, 1989	NOT REPORTED
ADMINISTRATIVE RECORD	FEDERAL ENFORCEMENT	ADMIN RECORD COMPILATION / REMOVAL EVENT	JUNE 17, 1991	NOT REPORTED



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 111960-006

Version 2.4.1

Date of Report: August 12, 1996

Page #10

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
PAYMENT RECEIVED FROM PRP'S	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	NOT REPORTED
DISCOVERY	STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	DECEMBER 1, 1983
HAZARD RANKING SYSTEM SCORE	STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	APRIL 1, 1984
PRELIMINARY ASSESSMENT	STATE, FUND FINANCED	HIGHER PRIORITY	NOT REPORTED	APRIL 1, 1984
SCREENING SITE INSPECTION	STATE, FUND FINANCED	HIGHER PRIORITY	NOT REPORTED	APRIL 1, 1984
PROPOSED FOR NPL	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	OCTOBER 15, 1984
FINAL LISTING ON NPL	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JUNE 10, 1986
COMBINED RI/FS	STATE, FUND FINANCED	UNKNOWN	AUGUST 16, 1985	SEPTEMBER 24, 1987
REMEDIAL DESIGN	STATE, FUND FINANCED	UNKNOWN	APRIL 1, 1987	SEPTEMBER 24, 1987
RECORD OF DECISION	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	SEPTEMBER 24, 1987
COMBINED RI/FS	STATE, FUND FINANCED	UNKNOWN	JANUARY 15, 1988	JUNE 30, 1989
RECORD OF DECISION	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JUNE 30, 1989
REMOVAL INVESTIGATION AT NPL SITES	EPA FUND-FINANCED	UNKNOWN	AUGUST 29, 1990	AUGUST 29, 1990
REMOVAL COMMUNITY RELATIONS	EPA FUND-FINANCED	UNKNOWN	SEPTEMBER 11, 1990	MAY 23, 1991
REMOVAL ACTION	EPA FUND-FINANCED	CLEAN UP	AUGUST 27, 1990	MAY 23, 1991
REMOVAL INVESTIGATION AT NPL SITES	EPA FUND-FINANCED	UNKNOWN	JUNE 17, 1991	JUNE 17, 1991
REMEDIAL ACTION	STATE, FUND FINANCED	UNKNOWN	AUGUST 6, 1987	SEPTEMBER 4, 1991
FIVE - YEAR REMEDY ASSESSMENT	EPA FUND-FINANCED	UNKNOWN	JULY 8, 1993	JULY 8, 1993

SPL - State Equivalent Priority List / SRC# 2826

Agency Address:	SAN FERNANDO VALLEY (AREA 1) NORTH HOLLYWOOD WELLFIELD AREA LOS ANGELES, CA 91601 CURRENTLY ON FINAL NPL	Agency ID:	19990011
Status:	NOT AVAILABLE		
Facility Type:	EPA FUND-FINANCED		
Lead Agency:	ANNUAL WORK PLAN		
State Status:	UNKNOWN		
Pollutant 1:	UNKNOWN		
Pollutant 2:	UNKNOWN		
Pollutant 3:	UNKNOWN		

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

CERCLIS / SRC# 2976

EPA ID:

CAD980894893

Agency Address:

SAN FERNANDO VALLEY (AREA 1)
NORTH HOLLYWOOD WELFIELD AREA
LOS ANGELES, CA 91601
CURRENTLY ON FINAL NPL

NPL Status:

Site Ownership:

MIXED OWNERSHIP

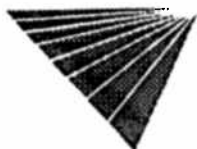
Lead Agency:

NOT AVAILABLE

Site Description:

SAN FERNANDO #1 IS AN AREA OF CONTAMINATED GROUNDWATER IN VICINITY OF N. HOLLYWOOD, CA. THIS AREA IS PART OF THE SAN FERNANDO VALLEY BASIN, A NATURAL UNDERGROUND RESERVOIR THAT IS SOURCE OF DRK WATER FOR 3MIL. CONTAMINATED W/TC, PCE, CAR

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
COMBINED RI/FS	EPA FUND-FINANCED	UNKNOWN	AUGUST 16, 1985	NOT REPORTED
COMMUNITY RELATIONS PLAN	EPA FUND-FINANCED	UNKNOWN	MARCH 18, 1985	NOT REPORTED
FORWARD PLANNING PROCESS	EPA FUND-FINANCED	UNKNOWN	AUGUST 23, 1984	NOT REPORTED
MANAGEMENT ASSISTANCE (FEDERAL RENUMERATION)	EPA FUND-FINANCED	UNKNOWN	JANUARY 12, 1988	NOT REPORTED
REMEDIAL INVESTIGATION	RESPONSIBLE PARTY	UNKNOWN	FEBRUARY 18, 1994	NOT REPORTED
RECORD OF DECISION	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	NOT REPORTED
TECHNICAL ASSISTANCE IN RI/FS	EPA FUND-FINANCED	UNKNOWN	SEPTEMBER 30, 1985	NOT REPORTED
PAYMENT RECEIVED FROM PRP'S	STATE, FUND FINANCED	UNKNOWN	DECEMBER 1, 1989	NOT REPORTED
ADMINISTRATIVE RECORD	STATE, FUND FINANCED	ADMIN RECORD COMPILATION / REMEDIAL EVENT	JUNE 26, 1989	NOT REPORTED
ADMINISTRATIVE RECORD	FEDERAL ENFORCEMENT	ADMIN RECORD COMPILATION / REMOVAL EVENT	JUNE 17, 1991	NOT REPORTED
PAYMENT RECEIVED FROM PRP'S	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	NOT REPORTED
DISCOVERY	STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	DECEMBER 1, 1983
HAZARD RANKING SYSTEM SCORE	STATE, FUND FINANCED	UNKNOWN	NOT REPORTED	APRIL 1, 1984
PRELIMINARY ASSESSMENT	STATE, FUND FINANCED	HIGHER PRIORITY	NOT REPORTED	APRIL 1, 1984
SCREENING SITE INSPECTION	STATE, FUND FINANCED	HIGHER PRIORITY	NOT REPORTED	APRIL 1, 1984
PROPOSED FOR NPL	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	OCTOBER 15, 1984



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Report ID: 111960-006

Date of Report: August 12, 1996

Version 2.4.1

Page #12

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
FINAL LISTING ON NPL	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JUNE 10, 1986
COMBINED R/VFS	STATE, FUND FINANCED	UNKNOWN	AUGUST 16, 1985	SEPTEMBER 24, 1987
REMEDIAL DESIGN	STATE, FUND FINANCED	UNKNOWN	APRIL 1, 1987	SEPTEMBER 24, 1987
RECORD OF DECISION	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	SEPTEMBER 24, 1987
COMBINED R/VFS	STATE, FUND FINANCED	UNKNOWN	JANUARY 15, 1988	JUNE 30, 1989
RECORD OF DECISION	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JUNE 30, 1989
REMOVAL INVESTIGATION AT NPL SITES	EPA FUND-FINANCED	UNKNOWN	AUGUST 29, 1990	AUGUST 29, 1990
REMOVAL COMMUNITY RELATIONS	EPA FUND-FINANCED	UNKNOWN	SEPTEMBER 11, 1990	MAY 23, 1991
REMOVAL ACTION	EPA FUND-FINANCED	CLEAN UP	AUGUST 27, 1990	MAY 23, 1991
REMOVAL INVESTIGATION AT NPL SITES	EPA FUND-FINANCED	UNKNOWN	JUNE 17, 1991	JUNE 17, 1991
REMEDIAL ACTION	STATE, FUND FINANCED	UNKNOWN	AUGUST 6, 1987	SEPTEMBER 4, 1991
FIVE - YEAR REMEDY ASSESSMENT	EPA FUND-FINANCED	UNKNOWN	JULY 8, 1993	JULY 8, 1993

VISTA Address:	E/M LUBRICANTS INC 6940 FARMDALE AVENUE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	139194
		Distance/Direction:	0.00 MI / ADJACENT
		Plotted as:	Point
		EPA ID:	CAD091719450
RCRA-LgGen - RCRA-Large Generator / SRC# 2909			
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.	

Map ID
2

VISTA Address:	ALTERNATOR SUPPLY RESEARCH 6945 FARMDALE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	14895
		Distance/Direction:	0.00 MI / ADJACENT
		Plotted as:	Point
		EPA ID:	CAD981445695
RCRA-SmGen - RCRA-Small Generator / SRC# 2909			
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE	

Map ID
2

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	SUPERIOR THREAD ROLLING CO, INC 6926 FARMDALE AVE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	413559
		Distance/Direction:	0.00 MI / ADJACENT
		Plotted as:	Point
RCRA-LgGen - RCRA-Large Generator / SRC# 2909		EPA ID:	CAD008486870
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.	

Map ID

2

VISTA Address*:	TURNBERRY PROPERTIES INC 6872 FARMDALE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	4027051
		Distance/Direction:	0.00 MI / ADJACENT
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Underground Tanks:		NOT REPORTED	
Aboveground Tanks:		NOT REPORTED	
Tanks Removed:		NOT REPORTED	
Tank ID:	1U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

Map ID

3A

VISTA Address*:	CASA DE CHROME 6868 FARMDALE AVE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	72574
		Distance/Direction:	<0.01 MI / S
		Plotted as:	Point
RCRA-LgGen - RCRA-Large Generator / SRC# 2909		EPA ID:	CAD098602196
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.	

Map ID

3A

VISTA Address*:	NOBUR CLEVELAND TWIST DRILL 6860 FARMDALE AVE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	298285
		Distance/Direction:	<0.01 MI / S
		Plotted as:	Point
RCRA-LgGen - RCRA-Large Generator / SRC# 2909		EPA ID:	CAD009539776
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.	

Map ID

3A

VISTA Address*:	RB AIRCRAFT SUPPLY INC 6848 FARMDALE AVE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	348086
		Distance/Direction:	0.02 MI / S
		Plotted as:	Point
RCRA-SmGen - RCRA-Smail Generator / SRC# 2909		EPA ID:	CAD982474785
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE	

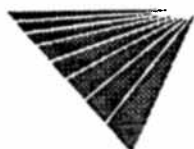
Map ID

3A

VISTA Address*:	PACIFIC MAGNETIC AND PENETRANT INC 6837 FARMDALE AVE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	5182362
		Distance/Direction:	0.03 MI / S
		Plotted as:	Point
RCRA-SmGen - RCRA-Smail Generator / SRC# 2909		EPA ID:	CA0000198093
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE	

Map ID

3B



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Report ID: 111960-006

Version 2.4.1

Date of Report: August 12, 1996

Page #14

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	PACIFIC STEEL TREATING CO INC 6829 FARMDALE AVE NORTH HOLLYWOOD, CA 91605		VISTA ID#:	317478
			Distance/Direction:	0.04 MI / S
			Plotted as:	Point
RCRA-LgGen - RCRA-Large Generator / SRC# 2909			EPA ID:	CAD044058865
Agency Address:	SAME AS ABOVE			
Generator Class:	GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.			
STATE UST - State Underground Storage Tank / SRC# 1612			EPA/Agency ID:	N/A
Agency Address:	PACIFIC STEEL TREATING 6829 FARMDALE NORTH HOLLYWOOD, CA 91605			
Underground Tanks:	4			
Aboveground Tanks:	NOT REPORTED			
Tanks Removed:	NOT REPORTED			
Tank ID:	1U	Tank Status:	NOT AVAILABLE	
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN	
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE	
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE	

Map ID

3B

VISTA Address*:	FOREIGN AUTO ELECTRIC 11468 HART NORTH HOLLYWOOD, CA 91605		VISTA ID#:	156290
			Distance/Direction:	0.03 MI / NW
			Plotted as:	Point
RCRA-SmGen - RCRA-Small Generator / SRC# 2909			EPA ID:	CAD981445034
Agency Address:	SAME AS ABOVE			
Generator Class:	GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE			

Map ID

4A

VISTA Address*:	SCENERY WEST 11461 HART ST NORTH HOLLYWOOD, CA 91605		VISTA ID#:	5209545
			Distance/Direction:	0.03 MI / N
			Plotted as:	Point
RCRA-SmGen - RCRA-Small Generator / SRC# 2909			EPA ID:	CA0000333823
Agency Address:	SAME AS ABOVE			
Generator Class:	GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE			

Map ID

4B

VISTA Address*:	MCDONALD KENNETH DESIGNS 6905 TUJUNGA AVE NORTH HOLLYWOOD, CA 91605		VISTA ID#:	264109
			Distance/Direction:	0.05 MI / E
			Plotted as:	Point
RCRA-LgGen - RCRA-Large Generator / SRC# 2909			EPA ID:	CAT080012636
Agency Address:	SAME AS ABOVE			
Generator Class:	GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.			

Map ID

5A

VISTA Address*:	WALT DISNEY IMAGINEERING 6904 TUJUNGA AVE NORTH HOLLYWOOD, CA 91605		VISTA ID#:	4867058
			Distance/Direction:	0.07 MI / E
			Plotted as:	Point
RCRA-SmGen - RCRA-Small Generator / SRC# 2909			EPA ID:	CAD983670449
Agency Address:	SAME AS ABOVE			
Generator Class:	GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE			

Map ID

5B

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Report ID: 111960-006
Version 2.4.1

Date of Report: August 12, 1996

Page #18

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	PRAXIS FILM WORKS 6918 TUJUNGA AVENUE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	200090235
		Distance/Direction:	0.07 MI / E
		Plotted as:	Point
ERNS - Emergency Response Notification System / SRC# 2885		Agency ID:	90-9121
Agency Address:		SAME AS ABOVE	
Spill Date Time:		JULY 25, 1990 06:45:00 PM	
Case Number:		90-9121	
Spill Location:		6918 TUJUNGA AVENUE	
Source Agency:		E	
Discharger Org:		PRAXIS FILM WORKS	
Material Spilled:		SOLVENT, DEVELOPER, 800.00 (GAL)	
Waterway Affected:		NONE	
Fields Not Reported:		Discharger Name, Discharger Phone	
Air Release:	Land Release:	Water Release:	Ground Release:
NO	NO	NO	NO
			Facility Release:
			YES
			Other Release:
			NO

Map ID

5B

VISTA Address*:	VENTURE CLOTHING INC 6934 TUJUNGA AVE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	3203813
		Distance/Direction:	0.07 MI / E
		Plotted as:	Point
RCRA-SmGen - RCRA-Small Generator / SRC# 2909		EPA ID:	CAD983596933
Agency Address:		VENTURE CLOTHING INC 6934 TUJUNGA AVE N HOLLYWOOD, CA 91605	
Generator Class:		GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE	

Map ID

5C

VISTA Address*:	LAIDLAW TRANSIT 6950 TUJUNGA AVE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	235589
		Distance/Direction:	0.07 MI / E
		Plotted as:	Point
RCRA-SmGen - RCRA-Small Generator / SRC# 2909		EPA ID:	CAD981677453
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE	
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:		LAIDLAW TRANSIT 6950 TUJUNGA NORTH HOLLYWOOD, CA 91605	
Underground Tanks:		NOT REPORTED	
Aboveground Tanks:		NOT REPORTED	
Tanks Removed:		NOT REPORTED	
Tank ID:	1U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

Map ID

5C

VISTA Address*:	ALMORE DYE HOUSE, INC. 6850 TUJUNGA NORTH HOLLYWOOD, CA 91605	VISTA ID#:	4044338
		Distance/Direction:	0.07 MI / E
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Underground Tanks:		NOT REPORTED	
Aboveground Tanks:		NOT REPORTED	
Tanks Removed:		NOT REPORTED	

Map ID

5D



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Report ID: 111960-006

Version 2.4.1

Date of Report: August 12, 1996

Page #16

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	1U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

VISTA Address*:	VINTAGE RESTORATIONS LTD 6915 BECK AVE NORTH HOLLYWOOD, CA 91605	VISTA ID#:	3192382
		Distance/Direction:	0.07 MI / W
		Plotted as:	Point

Map ID

6A

RCRA-SmGen - RCRA-Small Generator / SRC# 2909		EPA ID:	CAD983605817
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE		

VISTA Address*:	GENERAL WAX CO INC 6858 BECK NORTH HOLLYWOOD, CA 91605	VISTA ID#:	169329
		Distance/Direction:	0.08 MI / SW
		Plotted as:	Point

Map ID

6B

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
--	--	----------------	-----

Agency Address:	GENERAL WAX CO INC 6858 BECK NORTH HOLLYWOOD, CA 91609
Underground Tanks:	NOT REPORTED
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	1U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

VISTA Address*:	GALE THOMPSON 6849 BECK NORTH HOLLYWOOD, CA 91605	VISTA ID#:	1250448
		Distance/Direction:	0.10 MI / SW
		Plotted as:	Point

Map ID

6B

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
--	--	----------------	-----

Agency Address:	SAME AS ABOVE
Underground Tanks:	5
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

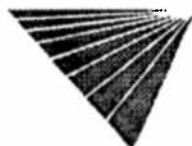
Tank ID:	3131U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

VISTA Address*:	FLEETWOOD MACHINE PRODUCTS INC 11447 VANOWEN ST NORTH HOLLYWOOD, CA 91605	VISTA ID#:	3204484
		Distance/Direction:	0.09 MI / S
		Plotted as:	Point

Map ID

7A

RCRA-SmGen - RCRA-Small Generator / SRC# 2909		EPA ID:	CAD983604901
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE		



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Report ID: 111960-006

Version 2.4.1

Date of Report: August 12, 1998

Page #17

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	MERCURY CIRCUITS INC 11423 VANOWEN ST-UNIT 1 NORTH HOLLYWOOD, CA 91605	VISTA ID#:	267817
		Distance/Direction:	0.11 MI / SE
		Plotted as:	Point

Map ID
7B

RCRA-SmGen - RCRA-Small Generator / SRC# 2909		EPA ID:	CAD070653068
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE	

VISTA Address*:	T C CIRCUITS INC 11417 VANOWEN ST NORTH HOLLYWOOD, CA 91605	VISTA ID#:	418286
		Distance/Direction:	0.11 MI / SE
		Plotted as:	Point

Map ID
7B

RCRA-LgGen - RCRA-Large Generator / SRC# 2909		EPA ID:	CAD094454329
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.	

VISTA Address*:	AUTO SPORT ENGINES 11477 VANOWEN ST NORTH HOLLYWOOD, CA 91605	VISTA ID#:	3204485
		Distance/Direction:	0.09 MI / S
		Plotted as:	Point

Map ID
8A

RCRA-SmGen - RCRA-Small Generator / SRC# 2909		EPA ID:	CAD983604554
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE	

VISTA Address*:	PACIFIC METAL STAMPINGS INC 11489 VANOWEN ST NORTH HOLLYWOOD, CA 91605	VISTA ID#:	316749
		Distance/Direction:	0.10 MI / S
		Plotted as:	Point

Map ID
8A

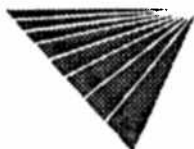
RCRA-SmGen - RCRA-Small Generator / SRC# 2909		EPA ID:	CAD043091032
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE	

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID: N/A	
Agency Address:		PACIFIC METAL STAMPINGS 11489 VANOWEN NORTH HOLLYWOOD, CA 91605	
Underground Tanks:		1	
Aboveground Tanks:		NOT REPORTED	
Tanks Removed:		NOT REPORTED	
Tank ID:	1U	Tank Status:	CLOSED
Tank Contents:	MISC. CHEMICAL	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	1 (GALLONS)	Tank Material:	CONCRETE

VISTA Address*:	LOU NATHANSON 11470 VANOWEN NORTH HOLLYWOOD, CA 91605	VISTA ID#:	4045577
		Distance/Direction:	0.11 MI / S
		Plotted as:	Point

Map ID
8B

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID: N/A	
Agency Address:		LOU NATHANSON 11470 VANOWEN NORTH HOLLYWOOD, CA 91605	
Underground Tanks:		NOT REPORTED	
Aboveground Tanks:		NOT REPORTED	
Tanks Removed:		NOT REPORTED	



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 111960-006

Version 2.4.1

Date of Report: August 12, 1996

Page #18

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	1U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

VISTA Address*:	SEMCO INSTRUMENTS INC 11505 VANOWEN ST NORTH HOLLYWOOD, CA 91605	VISTA ID#:	373945
		Distance/Direction:	0.12 MI / SW
		Plotted as:	Point

Map ID

8C

RCRA-LgGen - RCRA-Large Generator / SRC# 2909		EPA ID:	CAD981579816
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.		

VISTA Address*:	KARSEAL CORP 11552 HART ST NORTH HOLLYWOOD, CA 91605	VISTA ID#:	224301
		Distance/Direction:	0.11 MI / NW
		Plotted as:	Point

Map ID

9

RCRA-LgGen - RCRA-Large Generator / SRC# 2909		EPA ID:	CAD982041576
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.		

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	KARSEAL CORPORATION 11552 HART NORTH HOLLYWOOD, CA 91605		
Underground Tanks:	3		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

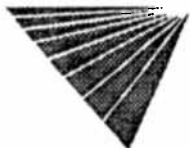
SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

VISTA Address*:	ABBOT INDUSTRIAL SUPP INT'L IN 11604 HART NORTH HOLLYWOOD, CA 91605	VISTA ID#:	1260112
		Distance/Direction:	0.13 MI / W
		Plotted as:	Point

Map ID

9

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Underground Tanks:	NOT REPORTED		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE



SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

VISTA Address*:	TUNEUP MASTERS INC. 6730 TUJUNGA NORTH HOLLYWOOD, CA 91609	VISTA ID#:	433507
		Distance/Direction:	0.21 MI / SE
		Plotted as:	Point

Map ID

10

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Underground Tanks:	NOT REPORTED		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

VISTA Address*:	ALLEN NEBEL 11622 VANOWEN NORTH HOLLYWOOD, CA 91605	VISTA ID#:	4045578
		Distance/Direction:	0.23 MI / SW
		Plotted as:	Point

Map ID

11

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1U	Tank Status:	CLOSED
Tank Contents:	OIL (NOT SPECIFIED)	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	1000 (GALLONS)	Tank Material:	BARE STEEL

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

VISTA Address*:	PACIFIC AIRMOTIVE 6909 LANKERSHIM BLVD NORTH HOLLYWOOD, CA 90068	VISTA ID#:	481184
		Distance/Direction:	0.32 MI / W
		Plotted as:	Point

Map ID

12

CERCLIS / SRC# 2977		EPA ID:	CAD980636260	
Agency Address:	PACIFIC AIRMOTIVE 6909 LANKERSHIM BLVD N HOLLYWOOD, CA 90068			
NPL Status:	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE			
Site Ownership:	UNKNOWN			
Lead Agency:	NO DETERMINATION			
Site Description:	NOT REPORTED			
Event Type:	Lead Agency:	Event Status:	Start Date:	Completion Date:
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	JUNE 1, 1981
PRELIMINARY ASSESSMENT	STATE, FUND FINANCED	NO FURTHER REMEDIAL ACTION PLANNED	JUNE 1, 1984	SEPTEMBER 1, 1984

* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 111960-006

Date of Report: August 12, 1998

Version 2.4.1

Page #20

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

SCL - State Equivalent CERCLIS List / SRC# 2825

Agency Address:	PACIFIC AIRMOTIVE 6909 LANKERSHIM BLVD NORTH HOLLYWOOD, CA 91605	Agency ID:	19420026
Facility Type:	NOT AVAILABLE		
Lead Agency:	NOT AVAILABLE		
State Status:	REFERRED TO ANOTHER AGENCY		
Pollutant 1:	UNSPECIFIED SOLVENT MIXTURES		
Pollutant 2:	UNKNOWN		
Pollutant 3:	UNKNOWN		
Fields Not Reported:	Status		

VISTA Address:	PACIFIC AIRMOTIVE 6853 LANKERSHIM BLVD NORTH HOLLYWOOD, CA 90068	VISTA ID#:	314418
		Distance/Direction:	0.33 MI / W
		Plotted as:	Point

CERCLIS / SRC# 2977

Agency Address:	PACIFIC AIRMOTIVE 6853 LANKERSHIM BLVD N HOLLYWOOD, CA 90068	EPA ID:	CAD980636278
NPL Status:	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE		
Site Ownership:	UNKNOWN		
Lead Agency:	NOT AVAILABLE		
Site Description:	NOT REPORTED		
Event Type:	Lead Agency:	Event Status:	Start Date:
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED
			Completion Date:
			JUNE 1, 1981
PRELIMINARY ASSESSMENT	STATE, FUND FINANCED	NO FURTHER REMEDIAL ACTION PLANNED	JUNE 1, 1984
			SEPTEMBER 1, 1984

SCL - State Equivalent CERCLIS List / SRC# 2825

Agency Address:	PACIFIC AIRMOTIVE 6853 LANKERSHIM BLVD NORTH HOLLYWOOD, CA 91605	Agency ID:	19420025
Facility Type:	NOT AVAILABLE		
Lead Agency:	NOT AVAILABLE		
State Status:	REFERRED TO ANOTHER AGENCY		
Pollutant 1:	UNSPECIFIED SOLVENT MIXTURES		
Pollutant 2:	UNKNOWN		
Pollutant 3:	UNKNOWN		
Fields Not Reported:	Status		

Map ID

12

* VISTA address includes enhanced city and ZIP.
For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 111960-006
Version 2.4.1

Date of Report: August 12, 1998

Page 121

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	BENDIX CORP 11600 SHERMAN WAY NORTH HOLLYWOOD, CA 91605	VISTA ID#:	43948
		Distance/Direction:	0.34 MI / NW
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 3056		Agency ID:	916053098
Agency Address:	BENDIX CORPORATION 11600 SHERMAN WY LOS ANGELES, CA 91605		
Tank Status:	NOT AVAILABLE		
Media Affected:	SOIL/SAND/LAND		
Substance:	SOLVENTS		
Leak Cause:	UNAVAILABLE		
Remedial Action:	EXCAVATE DISPOSE		
Remedial Status 1:	REM ACTION PLAN		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

Map ID

13

VISTA Address*:	THRIFTY #016 6800 LANKERSHIM BLVD NORTH HOLLYWOOD, CA 91600	VISTA ID#:	932152
		Distance/Direction:	0.35 MI / W
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 3056		Agency ID:	916000016
Agency Address:	THRIFTY #016 6800 LANKERSHIM BLVD LOS ANGELES, CA 91600		
Tank Status:	NOT AVAILABLE		
Media Affected:	GROUNDWATER		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	CONTAMINATION ASSESSMENT		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

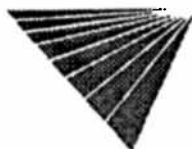
Map ID

14

VISTA Address*:	HAWKER PACIFIC 11310 SHERMAN WY SUN VALLEY, CA 91352	VISTA ID#:	552184
		Distance/Direction:	0.36 MI / NE
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 3056		Agency ID:	030392-01
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT AVAILABLE		
Media Affected:	UNKNOWN		
Substance:	HYDROCARBONS		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	REM ACTION PLAN		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

Map ID

15



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 111960-006

Date of Report: August 12, 1996

Version 2.4.1

Page #22

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*:	LA UNIFIED SCHOOL DISTRICT 11247 SHERMAN WY SUN VALLEY, CA 91352	VISTA ID#:	2748754
		Distance/Direction:	0.40 MI / NE
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 3056		Agency ID:	111.2498
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT AVAILABLE		
Media Affected:	SOIL/SAND/LAND		
Substance:	GASOLINE (UNSPECIFIED)		
Leak Cause:	UNAVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	CONTAMINATION ASSESSMENT		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

Map ID

15

VISTA Address*:	SUN VALLEY JUNIOR HIGH SCHOOL 7330 BAKMAN AVE SUN VALLEY, CA 91352	VISTA ID#:	932348
		Distance/Direction:	0.49 MI / NE
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 3056		Agency ID:	913521843
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT AVAILABLE		
Media Affected:	GROUNDWATER		
Substance:	DIESEL		
Leak Cause:	UNAVAILABLE		
Remedial Action:	EXCAVATE DISPOSE		
Remedial Status 1:	MONITORING		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source		

Map ID

16

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

VISTA Address*:	NICKEL SOLUTION RECYCLING INC 11940 SHERMAN RD NORTH HOLLYWOOD, CA 91605	VISTA ID#:	297099
		Distance/Direction:	0.75 MI / NW
		Plotted as:	Point
SCL - State Equivalent CERCLIS List / SRC# 2825		Agency ID:	19290292
Agency Address:	NICKEL SOLUTION RECYCLING INC. 11940 SHERMAN ROAD NORTH HOLLYWOOD, CA 91605		
Facility Type:	NOT AVAILABLE		
Lead Agency:	NOT AVAILABLE		
State Status:	REFERRED TO ANOTHER AGENCY		
Pollutant 1:	NICKEL		
Pollutant 2:	CADMIUM		
Pollutant 3:	CONTAMINATED SOIL		
Fields Not Reported:	Status		

Map ID

17

UNMAPPED SITES

VISTA Address:	PACIFIC AIRMOTIVE HANG#2 UNITED AIRPORT UNION AIR TERM BURBANK, CA 91500	VISTA ID#:	1585350
SCL - State Equivalent CERCLIS List / SRC# 2825		Agency ID:	19420027
Agency Address:	SAME AS ABOVE		
Facility Type:	NOT AVAILABLE		
Lead Agency:	NOT AVAILABLE		
State Status:	REFERRED TO ANOTHER AGENCY		
Pollutant 1:	UNSPECIFIED SOLVENT MIXTURES		
Pollutant 2:	UNKNOWN		
Pollutant 3:	UNKNOWN		
Fields Not Reported:	Status		



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 111960-006

Date of Report: August 12, 1996

Version 2.4.1

Page #24

SITE ASSESSMENT REPORT

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

NPL
SRC#: 2640

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for NPL was September, 1995.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

SPL
SRC#: 2826

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Calsites Database: Annual Workplan Sites was January, 1996.

This database is provided by the Cal. Environmental Protection Agency, Dept. of Toxic Substances Control. Annual Work Plan (AWP) sites and sites where Preliminary Endangerment Assessments are a high priority are included.

SCL
SRC#: 2825

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Calsites Database: All Sites except Annual Workplan Sites (incl. ASPIS) was January, 1996.

This database is provided by the Department of Toxic Substances Control. These are lower priority than the SPL sites.

RCRA-TSD
SRC#: 2909

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for RCRIS was February, 1996.

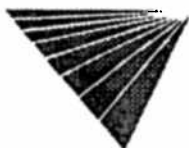
The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS
SRC#: 2976

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS was March, 1996.

The CERCLIS List contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. The information on each site includes a history of all pre-remedial, remedial, removal and community relations activities or events at the site, financial funding information for the events, and unrestricted enforcement activities.



NFRAP
SRC#: 2977

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS-NFRAP was March, 1996.

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

SWLF
SRC#: 2882

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Ca Solid Waste Information System (SWIS) was March, 1996.

This database is provided by the Integrated Waste Management Board.

LUST
SRC#: 3056

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Lust Information System (LUSTIS) was April, 1996.

This database is provided by the California Environmental Protection Agency.

C) DATABASES SEARCHED TO 1/4 MILE

UST's
SRC#: 1612

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Underground Storage Tank Registrations Database was January, 1994.

This database is provided by the State Water Resources Control Board, Office of Underground Storage Tanks.

AST's
SRC#: 2824

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Aboveground Storage Tank Database was February, 1996.

This database is provided by the State Water Resources Control Board.

D) DATABASES SEARCHED TO 1/8 MILE

ERNS
SRC#: 2885

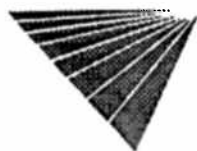
VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for ERNS was June, 1995.

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of transportation. A search of the database records for the period October 1986 through June 1995 revealed the following information regarding reported spills of oil or hazardous substances in the stated area.

RCRA-LgGen
SRC#: 2909

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for RCRIS was February, 1996.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

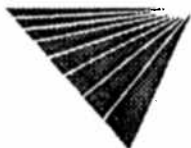


RCRA-SmGen
SRC#: 2909

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for RCRIS was February, 1996.

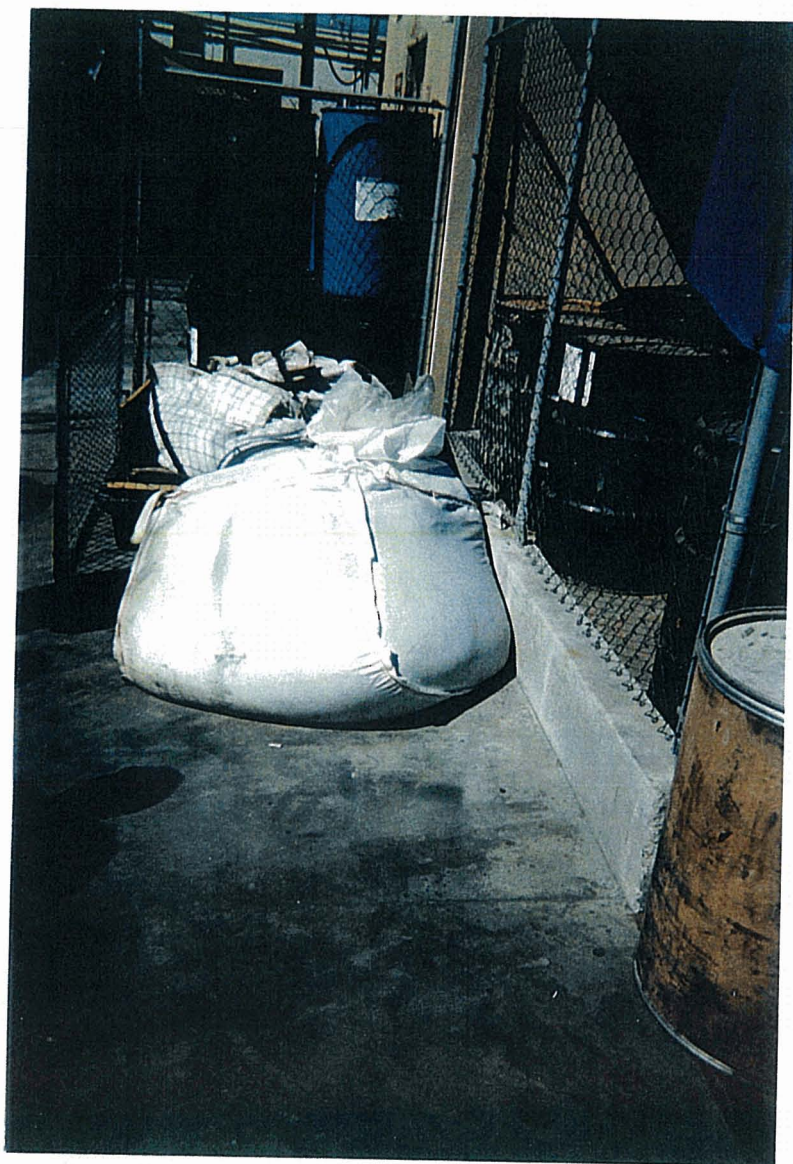
The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

End of Report



For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.
Report ID: 111960-006
Version 2.4.1

Date of Report: August 12, 1996
Page #27

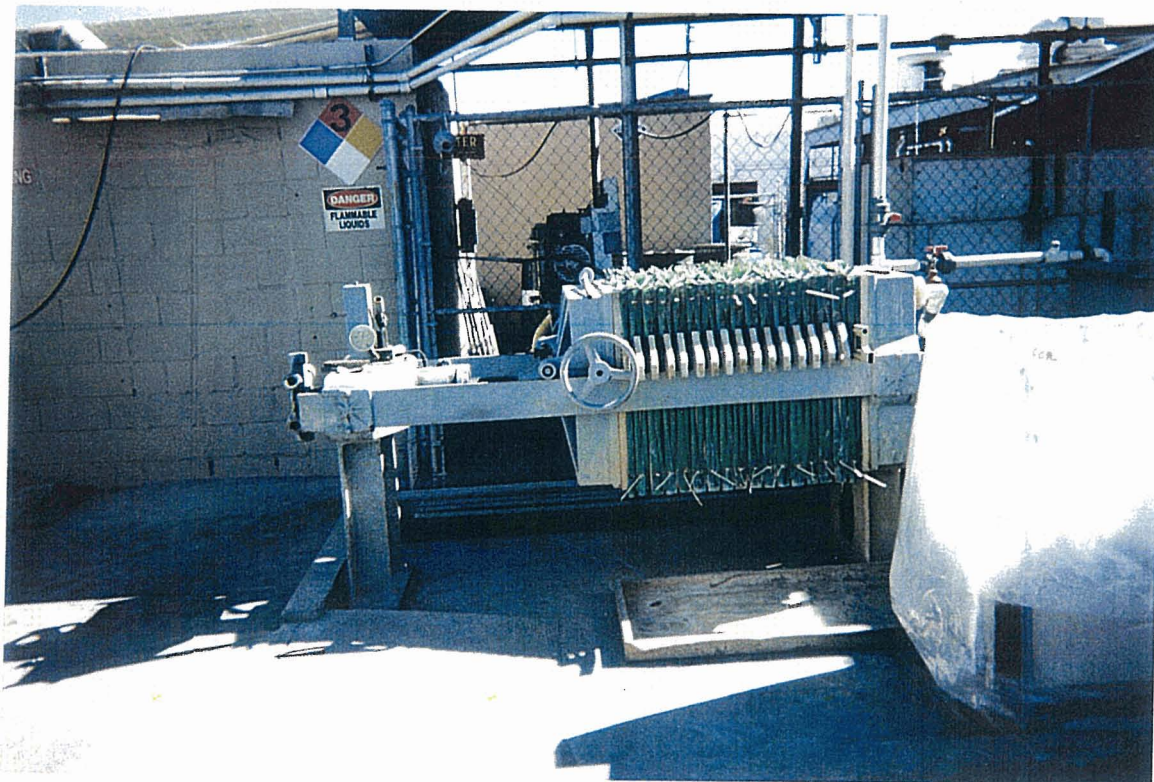


Photograph 11.
Sludge (1 cubic
yard) Outside
Drum Storage
Area

PRIVILEGED AND CONFIDENTIAL
ATTORNEY CLIENT MATERIAL



Photograph 9.
Waste Water
Treatment
System



Photograph 10.
Waste Water
Treatment Filter
Press



Photograph 7.
MEK Outside
Anodizing Area



Photograph 8.
Spray Booth
with Carbon
Absorption Unit



Photograph 5.
Acidic Material
Next to
Chemical
Storage
Building



Photograph 6.
Hazardous
Material
Storage Area



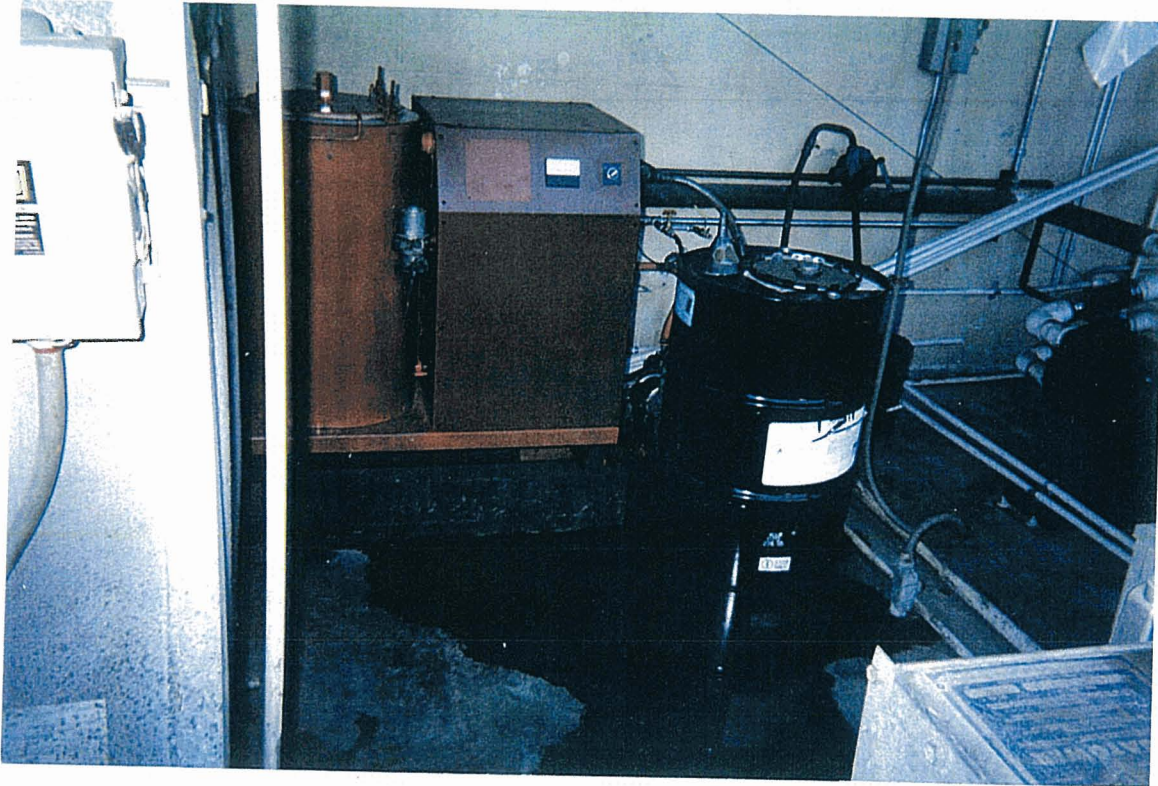
PRIVILEGED AND CONFIDENTIAL
ATTORNEY CLIENT MATERIAL

Photograph 3.
TCA Tank with
Berm

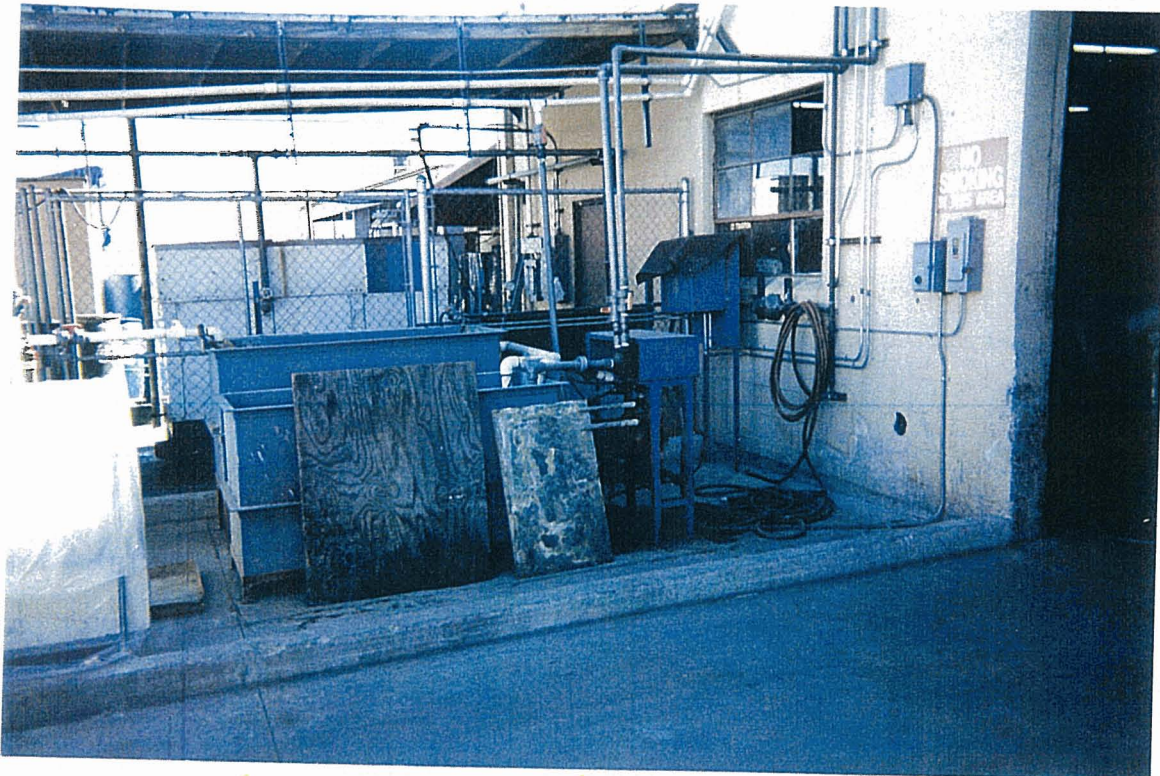


Photograph 4.
Raw Material
Storage Area

14.0 PHOTOGRAPHS



Photograph 1.
MEK Recovery
Still



Photograph 2.
Site of future
reverse osmosis
unit



South Coast
AIR QUALITY MANAGEMENT DISTRICT

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000

SEPTEMBER 05, 1995

ID - 015760
E/M CORP, GREAT LAKES CHEMICAL CORP SUB
6921 & 6940 FARMDALE AVE
NORTH HOLLYWOOD CA 91605-6286

OFFICIAL DOCUMENT

ACKNOWLEDGMENT OF ANNUAL OPERATING PERMIT FEE PAYMENT

Dear Permit Holder:

This letter is official acknowledgment of your annual operating permit fee payment for the Permit(s) to Operate listed on the enclosed attachment. A Facility Permit shall serve as a comprehensive Permit to Operate for all equipment at a Regional Clean Air Incentives Market (RECLAIM) facility.

For the holder of a Permit to Operate, pursuant to District Rule 203(b), equipment shall not be operated contrary to the conditions specified in the permit to operate. A Facility Permit holder shall, pursuant to Air Quality Management District (AQMD) Rule 2004(f), at all times comply with all applicable District rules and shall comply with all permit conditions as specified in the Facility Permit.

You may consider the Permit(s) to Operate listed on the enclosed attachment renewed; the permit expiration date is stated on the attachment. Pursuant to AQMD Rule 206, a person granted a permit under Rule 202 or 203 shall not operate or use any equipment unless the entire permit to operate or a legible facsimile of the entire permit is affixed upon the equipment in such manner that the permit number, equipment description, and the specified operating conditions are clearly visible and accessible. In the event that the equipment is so constructed or operated that the permit to operate or a legible facsimile cannot be so placed, the entire permit to operate or the legible facsimile of the entire permit shall be mounted so as to be clearly visible in an accessible place within 8 meters (26 feet) of the equipment, or as otherwise approved in writing by AQMD's Executive Officer.

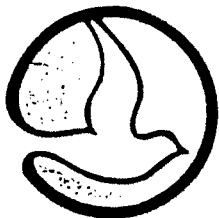
If you have any questions about this payment acknowledgment letter or if you need a copy of your Permit to Operate, please call Customer Service at (909) 396-2900.

PAGE 1

RECEIVED

SEP 15 1995

E/M CORPORATION



South Coast
AIR QUALITY MANAGEMENT DISTRICT

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000

SEPTEMBER 05, 1995

ID - 015760
E/M CORP, GREAT LAKES CHEMICAL CORP SUB
6921 & 6940 FARMDALE AVE
NORTH HOLLYWOOD CA 91605-6286

PERMIT RENEWALS

PERMIT NUMBER	DESCRIPTION	APPLIC NUMBER	EXPIRATION DATE
M39036	SPRAY BOOTH PAINT AND SOLVENT	122224	10/01/96
M50015	OVEN, BAKING	142824	10/01/96
M53798	SPRAY BOOTH OTHER	144143	10/01/96
D67579	SCRUBBER, OTHER VENTING S.S.	152906	10/01/96
M61731	SOLV RECLAIM STILL (1 STAGE) MISC. SOLV	153449	10/01/96
M58357	DEGREASER 111 TRICHLOROETHANE <=11b/dVOC	155190	10/01/96
D57107	TANK, OTHER AQUEOUS SOLUTION	187040	10/01/96
D67582	TANK, SURFACE PREPARATION - OTHER ACIDS	187041	10/01/96
D62280	SPRAY BOOTH PAINT AND SOLVENT	249044	10/01/96
D62281	SPRAY BOOTH PAINT AND SOLVENT	249045	10/01/96
D39839	CHLORINATED & HALOGENATED HC CONVEYING	250269	10/01/96
D57948	DEGREASER 1,1,1 TRICHLOROETHANE (>1LB/D)	261522	10/01/96
P59658	Spray Booth/Enclosure, Powder Coating	A80007	10/01/96
A59659	Spray Booth/Enclosure, Powder Coating	A80008	10/01/96
P59660	Spray Booth/Enclosure, Powder Coating	A80009	10/01/96
P56479	SPRAY BOOTH PAINT AND SOLVENT	A80091	10/01/96
P56480	SPRAY BOOTH PAINT AND SOLVENT	A80092	10/01/96
M03554	SPRAY BOOTH PAINT AND SOLVENT	C07070	10/01/96
M12571	SPRAY BOOTH PAINT AND SOLVENT	C23358	10/01/96
M18640	SPRAY BOOTH PAINT AND SOLVENT	C39250	10/01/96

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address E/M CORPORATION 6940 FAIRMERE AVE., NORTH HOLLYWOOD, CA 91605		4. Generator's Phone (818) 983-1952	5. State Manifest Document Number 95470242		
5. Transporter 1 Company Name PACIFIC COAST LACQUER		6. US EPA ID Number CA000825240	7. State Generator's ID		
7. Transporter 2 Company Name		8. US EPA ID Number	8. State Transporter's ID 60941P		
9. Designated Facility Name and Site Address Pacific Resource Recovery 3150 East Pico Blvd. Los Angeles, CA 90023		10. US EPA ID Number CA000323	9. State Transporter's Phone (213) 261-7145		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a. 20, WASTE FLAMMABLE LIQUID, n.o.s. (METHYL ETHYL KETONE) 3, UN1993, PGII (D001)		1	99950		State 213 EPA/Other D001
b. USED FOR CLEANING					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
16. Additional Descriptions for Materials Listed Above 11A) 94030002, METHYL ETHYL KETONE ADD EPA CODES D035, F005		17. Handling Codes for Wastes Listed Above a. 01 b. c. d.			
18. Special Handling Instructions and Additional Information END 11A) 27 113) 110) 110) WASTE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT 24 HOUR EMERGENCY CONTACT: CHEMTRIX 800 124-1111					
19. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name ISMAEL TEJERA JR.		Signature <i>[Signature]</i>		Month Day Year 10/14/95	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name FRANK SANCHEZ		Signature <i>[Signature]</i>		Month Day Year 10/16/95	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name MARY McLaughlin					
Signature <i>[Signature]</i>		Month Day Year 10/19/95			

DO NOT WRITE BELOW THIS LINE.

Yellow:

TSDF:
(Generators who submit hazardous waste for transport out-of-state, completed copy of this copy and send to DTSC within 30 days.)

ENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
Generators who submit hazardous waste for transport out-of-state, completed copy of this copy and send to DTSC within 30 days.)

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR
TRANSPORTER
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address E/M CORPORATION 5940 PARADALE AVE., NORTH HOLLYWOOD, CA 91605		4. Generator's Phone (818) 983-1952		A. State Manifest Document Number 95754307		
5. Transporter 1 Company Name LIMITED TECHNOLOGIES		6. US EPA ID Number CHD000961K14		B. State Generator's ID 606788		
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID 909595551		
9. Designated Facility Name and Site Address Pacific Resource Recovery 3150 East Pico Blvd. Los Angeles, CA 90023		10. US EPA ID Number CAD0008252405		D. Transporter's Phone E. State Transporter's ID F. Transporter's Phone G. State Facility's ID 949098292499 H. Facility's Phone (213) 261-7145		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	14. Unit Wt/Vol	L. Waste Number
a. RD, WASTE FLAMMABLE LIQUID, n.o.s. (METHYL ETHYL KETONE) 3, UN1993, PGII (D001)		028		11540	6	State 213 EPA/Other 0001
b. USED FOR CLEANING						State EPA/Other
c.						State EPA/Other
d.						State EPA/Other
J. Additional Descriptions for Materials Listed Above 11A) 94030002, METHYL ETHYL KETONE ADD EPA CODES D035, F005		K. Handling Codes for Wastes Listed Above a. 01 c. b. d.				
15. Special Handling Instructions and Additional Information ERG 11A) 27 115) 11C) 11D) WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT 24 HOUR EMERGENCY CONTACT:		RECEIVED MAR 1 1996 E.M. CORPORATION				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name ISMAEL KORTA		Signature [Signature]		Month Day Year 02/20/96		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name KEVIN DUNLOP		Signature [Signature]		Month Day Year 02/20/96		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Alex A. Moran						
Signature [Signature]		Month Day Year 02/23/96				

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
(Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address E/M CORPORATION 6940 PARADISE AVE., NORTH HOLLYWOOD, CA 91605				A. State Manifest Document Number 9592155							
4. Generator's Phone (213) 375-0101				B. State Generator's ID							
5. Transporter 1 Company Name PACIFIC COAST LAQUER		6. US EPA ID Number CA 0003252405		C. State Transporter's ID 6094118		D. Transporter's Phone 213 261-7145					
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone					
9. Designated Facility Name and Site Address Pacific Resource Recovery 3150 East 2100 Blvd. Los Angeles, CA 90023		10. US EPA ID Number CA 0003252405		G. State Facility's ID CA 0003252405		H. Facility's Phone (213) 251-7145					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number	
a. SQ, WASTE FLAMMABLE LIQUID, N.O.S. (METHYL ETHYL KETONE) 3, UN1993, PGII (D001)				1		4/1450		G		State 213 EPA/Other D001	
b. RQ, WASTE PAINT RELATED MATERIAL 3, UN1263, PGII (D001)				1		000900		I		State 451 EPA/Other D001	
c.										State EPA/Other	
d.										State EPA/Other	
J. Additional Descriptions for Materials Listed Above 11A) 94030002, METHYL ETHYL KETONE, OIL ADD EPA CODES D035, F005 11B) 94030003, PAINT SLUDGE ADD EPA CODES D035, F005				K. Handling Codes for Wastes Listed Above a. b. c. d.							
15. Special Handling Instructions and Additional Information ERG 11A/17 11B/25 11C) 11D) WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT 24 HOUR EMERGENCY CONTACT: CHEMTREC 800 424-9300 OR LERN RALDORF 714 551-0481											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name ISMAEL PERDUE				Signature <i>Ismael Perdue</i>				Month Day Year 05/13/96			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name FRANK SANCHEZ				Signature <i>Frank Sanchez</i>				Month Day Year 05/13/96			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name											
Signature											
Month Day Year											

DO NOT WRITE BELOW THIS LINE.

Form B3U

NON-PERMITTED ANNUAL EMISSIONS FROM THE USE OF ORGANICS

July 1995 - June 1996
South Coast Air Quality Management District

Please read instructions on the reverse side before completing form.

Please carry all emission calculations to 2 decimal places.

PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUB.

0	1	5	7	6	0
---	---	---	---	---	---

FACILITY NAME

FACILITY I.D. NUMBER

Material Code (a)			Material Description (b)	Annual Usage (c)	Units 1=Lbs 2=Gal (d)	Waste Credit (e)	Emission Factor (f)	Overall Control Efficiency (g)	Organic Gases (c) x (f) x (1-g) (h)	Specific Organics (c) x (f) x (1-g) (i)
5	1	0	TOLUENE	68,522	1	N	1.0	0.98	1,370.4	.
4	2	0	METHYL ETHYL KETONE	101,888	1	Y	1.0	0.98	2,037.8	.
5	5	5	XYLENE	22,686	1	N	1.0	0.98	453.7	.
3	8	0	ISOPROPYL ALCOHOL	21,805	1	N	1.0	0.98	436.1	.
1	8	0	STODDARD SOLVENT	1,641	1	N	1.0	0.98	32.8	.
4	1	0	METHANOL	3,878	1	N	1.0	0.98	77.6	.
1	9	4	N-BUTANOL	1,856	1	N	1.0	0.98	37.1	.
2	6	0	DIMETHYL FORMAMIDE	2,607	1	N	1.0	0.98	52.1	.
1	9	2	ISOBUTYL ACETATE	192	1	N	1.0	0.98	3.8	.
9	9	3	ALIPHATIC HYDROCARBONS	327	1	N	1.0	0.98	6.5	.
1	9	2	PN ACETATE	6,649	1	N	1.0	0.98	133.0	.
1. Subtotal Emissions (lbs) for this form:									4,640.9	.
2. Sum of Subtotals (lbs) from all B3U forms (including this one)*:									.	.
3. Credit (lbs) from Form WU (sum of subtotals on all WU forms)*:									.	.
4. Net Emissions (lbs) (Line 2 - Line 3)*:									.	.
5. Divide Line 4 by 2000 then transfer to Form CU, Line 3 (tons)*:									.	.

Page # 01 of 02

TOTAL PAGES IN FORM B3U

*If you have more than one page, complete Lines 2 through 5 ONLY ON THE FINAL PAGE.

S.C.A.Q.M.D. reserves the right to audit the reported emissions. All records and calculations used in



Form B3U - Non-Permitted Annual Emissions From the Use of Organics

Note: Please include only non-permitted emissions. Please refer to the General Instruction Book for the definition of non-permitted equipment under Frequently Asked Questions (Question #C and #D). Under Rule 301 (e), you must keep separate records for your non-permitted equipment which would allow the determination of emissions from such equipment. Acetone, ethane, perchlorobenzotrifluoride and volatile methylated siloxanes listed in Rule 102 are classified as exempt compounds and should not be reported on Form B3U as Organic Gases. Specific Organics are defined as eight organic compounds listed in Appendix B of the General Instruction Book and should be reported on Form B3. Any other Chlorofluorocarbons not classified as specific organics are to be reported on Form TAC.

Name and ID No.: Please fill in your facility name and facility ID number in the designated spaces, exactly as indicated on Form X (signature sheet) in your package.

Material Code: For each organic material used (solvents, coatings, inks, etc.), find the 3 digit material code in Appendix B of the General Instruction Book, and write it in column (a). Each material must be identified by its material code and reported separately. For example, if you thin a coating prior to application, report the coating on one line and the thinner on a separate line. If you cannot find the code for the material you used, enter one of the Other Material Codes (991, 992, 993 or 995). DO NOT report materials with known material codes under "Other Material Codes".

Material Description, Rule Number, and Annual Usage: Information about each organic material used can be found in the Material Safety Data Sheet (MSDS) or other technical data sheet from your vendor. Describe the material in column (b), using the manufacturer's material name as shown on the MSDS. Report the annual usage in column (c) and indicate in column (d) whether the annual usage reported in column (c) is in pounds or gallons. In the Waste Credit column (e), enter "Y" for yes if you are planning to apply a Waste Credit for that specific material and "N" for no (see instructions on Form WU for more information about Waste Credits). In general, there should be a direct correspondence between materials listed on Form B3U and materials listed for waste credits on Form WU.

Emission Factor or VOC Content: In column (f) write in the emission factor or VOC number for the material. Please use consistent units. For example, if the material is in gallons, the emission factor should be in lbs/gal and if the material usage is in pounds, the emission factor should be in lbs/lbs. Use the VOC content (which determines the emission factor) from your MSDS and submit a copy of the MSDS. When determining emission factor for Organic Gases, make sure that VOC content in the MSDS does not include exempt solvents, specific organics, Toxics Air Contaminants (TAC) or Ozone Depleting Compounds (ODC). When determining emission factor for Specific Organics, make sure that the Specific Organic content does not include exempt solvents, VOC, TAC or ODC. If the MSDS does not include VOC content, you can calculate the VOC content based on the weight percent of VOC compound reported on MSDS. Using the weight percentage (W%) of VOC compounds and density or specific gravity (from MSDS), the emission factor can be calculated as:

$$\text{VOC (lbs/gal)} = \text{W\%} \times \text{Density (lbs/gal)} \quad \text{where: Density} = \text{Specific gravity} \times 8.34 \text{ lbs/gal} \quad \text{and W\%} = \text{Total weight percent of VOC compounds}$$

If the MSDS is not available, you may use the default emission factors for common organics listed in Appendix B of the General Instruction Book.

For lithographic inks and associated overprint varnishes, the MSDS emission factor should include all VOC containing materials, including litho oil. To calculate the emission factor for lithographic inks and associated overprint varnishes, multiply the VOC content by the ink absorption factors following ink absorption factors (IAF):

$$\text{Emission factor (lbs/gal)} = \text{VOC (lbs/gal)} \times \text{IAF}$$

You may use the following ink absorption factors (IAF): Cold Set / Air Dry, IAF = 0.10 Heat Set - UV / IR, IAF = 0.50 Heat Set - Gas or Electric, IAF = 0.80

Overall Control Efficiency: If your company does not have control equipment, enter "0" in column (g). If your company has installed control equipment to reduce the organic emissions, use the following formula to determine the Overall Control Efficiency and enter it in column (g). Use decimal fraction to report efficiencies (e.g., 0.925 for 92.5%)

$$\text{Overall Control Efficiency} = \text{capture efficiency} \times \text{destruction efficiency}$$

Emissions: To calculate emissions from Organic Gases, column (h), use the following formula:

$$(\text{annual usage}) \text{ gal} \times (\text{Emission Factor or VOC}) \text{ lbs/gal} \times (1 - \text{Overall Control Efficiency})$$

$$(\text{OR}) (\text{annual usage}) \text{ lbs} \times (\text{Emission Factor or VOC}) \text{ lbs/lbs} \times (1 - \text{Overall Control Efficiency})$$

$$(\text{OR}) (\text{Column c}) \times (\text{Column f}) \times (1 - \text{Column g}) = (\text{Column h or i})$$

Total the emissions for column (h) and column (i) (on each page) and enter the total on Line 1, Subtotal Emissions (lbs).

Net Emissions: If you use more than one Form B3U, indicate in the space provided the page number and the total number of Form B3U. For example, if you use 8 forms, indicate in the boxes - page 1 of 8, page 2 of 8, etc. Complete Lines 2, 3, 4 and 5 only on the last page of Form B3U. Total the sum of emission subtotals from all B3U forms (line 2), subtract waste credit (lbs) from Form WU (Line 3) to calculate Net Emissions on Line 4 of the last page only. To convert the net emissions to tons, divide pounds by 2000, round to two (2) decimal places and enter the net emissions (tons) on Line 5. Transfer the net emission (tons) to Form CU, Line 3 in the respective columns.

Form B3U

NON-PERMITTED ANNUAL EMISSIONS FROM THE USE OF ORGANICS

July 1995 - June 1996
South Coast Air Quality Management District

Please read instructions on the reverse side before completing form.

Please carry all emission calculations to 2 decimal places.

PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUB.

FACILITY NAME

0	1	5	7	6	0
---	---	---	---	---	---

FACILITY I.D. NUMBER

Material Code (a)	Material Description (b)	Annual Usage (c)	Units 1=Lbs 2=Gal (d)	Waste Credit (e)	Emission Factor (f)	Overall Control Efficiency (g)	Organic Gases (c) x (f) x (1-g) (h)	Specific Organics (c) x (f) x (1-g) (i)
2 1 0	BUTYL CELLOSOLVE	331	1	N	1.0	0.98	6.6	.
3 1 0	ETHANOL	56,754	1	N	1.0	0.98	1,135.1	.
9 9 3	M.I.B.K.	4,060	1	N	1.0	0.98	81.2	.
9 9 3	DIACETONE ALCOHOL	125	1	N	1.0	0.98	2.5	.
4 2 0	M.E.K.	2,311	2	Y	6.7	0.98	309.6	.
9 9 3	ETHYL ACETATE	22,559	1	N	1.0	0.98	451.2	.
9 9 3	N-METHYL 2-PYRROLIDONE	2,831	1	N	1.0	0.98	56.6	.
					.		.	.
					.		.	.
					.		.	.
					.		.	.

1. Subtotal Emissions (lbs) for this form:

2,042.8

2. Sum of Subtotals (lbs) from all B3U forms (including this one)*:

6,683.7

Page # 02 of 02

3. Credit (lbs) from Form WU (sum of subtotals on all WU forms)*:

10,673.1

TOTAL PAGES IN FORM B3U

4. Net Emissions (lbs) (Line 2 - Line 3)*:

0.0

5. Divide Line 4 by 2000 then transfer to Form CU, Line 3 (tons)*:

0.0

*If you have more than one page, complete Lines 2 through 5 ONLY ON THE FINAL PAGE.



Form B3U - Non-Permitted Annual Emissions From the Use of Organics

Note: Please include only non-permitted emissions. Please refer to the General Instruction Book for the definition of non-permitted equipment under Frequently Asked Questions (Question #C and #D). Under Rule 301 (e), you must keep separate records for your non-permitted equipment which would allow the determination of emissions from such equipment. Acetone, ethane, perchlorobenzotrifluoride and volatile methylated siloxanes listed in Rule 102 are classified as exempt compounds and should not be reported on Form B3U as Organic Gases. Specific Organics are defined as eight organic compounds listed in Appendix B of the General Instruction Book and should be reported on Form B3. Any other Chlorofluorocarbons not classified as specific organics are to be reported on Form TAC.

Name and ID No.: Please fill in your facility name and facility ID number in the designated spaces, exactly as indicated on Form X (signature sheet) in your package.

Material Code: For each organic material used (solvents, coatings, inks, etc.), find the 3 digit material code in Appendix B of the General Instruction Book, and write it in column (a). Each material must be identified by its material code and reported separately. For example, if you thin a coating prior to application, report the coating on one line and the thinner on a separate line. If you cannot find the code for the material you used, enter one of the Other Material Codes (991, 992, 993 or 995). DO NOT report materials with known material codes under "Other Material Codes".

Material Description, Rule Number, and Annual Usage: Information about each organic material used can be found in the Material Safety Data Sheet (MSDS) or other technical data sheet from your vendor. Describe the material in column (b), using the manufacturer's material name as shown on the MSDS. Report the annual usage in column (c) and indicate in column (d) whether the annual usage reported in column (c) is in pounds or gallons. In the Waste Credit column (e), enter "Y" for yes if you are planning to apply a Waste Credit for that specific material and "N" for no (see instructions on Form WU for more information about Waste Credits). In general, there should be a direct correspondence between materials listed on Form B3U and materials listed for waste credits on Form WU.

Emission Factor or VOC Content: In column (f) write in the emission factor or VOC number for the material. Please use consistent units. For example, if the material is in gallons, the emission factor should be in lbs/gal and if the material usage is in pounds, the emission factor should be in lbs/lbs. Use the VOC content (which determines the emission factor) from your MSDS and submit a copy of the MSDS. When determining emission factor for Organic Gases, make sure that VOC content in the MSDS does not include exempt solvents, specific organics, Toxic Air Contaminants (TAC) or Ozone Depleting Compounds (ODC). When determining emission factor for Specific Organics, make sure that the Specific Organic content does not include exempt solvents, VOC, TAC or ODC.

If the MSDS does not include VOC content, you can calculate the VOC content based on the weight percent of VOC compound reported on MSDS. Using the weight percentage (W%) of VOC compounds and density or specific gravity (from MSDS), the emission factor can be calculated as:

$$\text{VOC (lbs/gal)} = \text{W\%} \times \text{Density (lbs/gal)} \quad \text{where: Density} = \text{Specific gravity} \times 8.34 \text{ lbs/gal} \quad \text{and W\%} = \text{Total weight percent of VOC compounds}$$

If the MSDS is not available, you may use the default emission factors for common organics listed in Appendix B of the General Instruction Book.

For lithographic inks and associated overprint varnishes, the MSDS emission factor should include all VOC containing materials, including litho oil. To calculate the emission factor for lithographic inks and associated overprint varnishes, multiply the VOC content by the ink absorption factors following ink absorption factors (IAF):

$$\text{Emission factor (lbs/gal)} = \text{VOC (lbs/gal)} \times \text{IAF}$$

You may use the following ink absorption factors (IAF): Cold Set / Air Dry, IAF = 0.10 Heat Set - UV / IR, IAF = 0.50 Heat Set - Gas or Electric, IAF = 0.80

Overall Control Efficiency: If your company does not have control equipment, enter "0" in column (g). If your company has installed control equipment to reduce the organic emissions, use the following formula to determine the Overall Control Efficiency and enter it in column (g). Use decimal fraction to report efficiencies (e.g., 0.925 for 92.5%)

$$\text{Overall Control Efficiency} = \text{capture efficiency} \times \text{destruction efficiency}$$

Emissions: To calculate emissions from Organic Gases, column (h), use the following formula:

$$\begin{aligned} & (\text{annual usage}) \text{ gal} \times (\text{Emission Factor or VOC}) \text{ lbs/gal} \times (1 - \text{Overall Control Efficiency}) \\ & \text{(OR)} (\text{annual usage}) \text{ lbs} \times (\text{Emission Factor or VOC}) \text{ lbs/lbs} \times (1 - \text{Overall Control Efficiency}) \\ & \text{(OR)} (\text{Column c}) \times (\text{Column f}) \times (1 - \text{Column g}) = (\text{Column h or i}) \end{aligned}$$

Total the emissions for column (h) and column (i) (on each page) and enter the total on Line 1, Subtotal Emissions (lbs).

Net Emissions: If you use more than one Form B3U, indicate in the space provided the page number and the total number of Form B3U. For example, if you use 8 forms, indicate in the boxes - page 1 of 8, page 2 of 8, etc. Complete Lines 2, 3, 4 and 5 only on the last page of Form B3U. Total the sum of emission subtotals from all B3U forms (line 2), subtract waste credit (lbs) from Form WU (Line 3) to calculate Net Emissions on Line 4 of the last page only. To convert the net emissions to tons, divide pounds by 2000, round to two (2) decimal places and enter the net emissions (tons) on Line 5. Transfer the net emission (tons) to Form CU, Line 3 in the respective columns.

Form WU

NON-PERMITTED CREDITS FOR WASTE SHIPMENTS - LIQUID ORGANIC MATERIALS

July 1995 - June 1996
South Coast Air Quality Management District

Please read instructions on the reverse side before completing form.

Please carry all emission calculations to 2 decimal places.

PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUB.

FACILITY NAME

0	1	5	7	6	0
---	---	---	---	---	---

FACILITY I.D. NUMBER

Please attach the waste manifests for proper credit.

Report only non-permitted recycled liquid organic materials on this form.

Manifest Document Number (a)	Material Description (b)	Solvent [%] (c)	Units 1=%W 2=%V (d)	Quantity (e)	Units 1=Lbs 2=Gal (f)	Emission Factor (g)	Credit [%] (h)	Emission Credit (lbs) [(c)/100] x (e) x (g) x [(h)/100] (i)
95470242	WASTE MEK	90.0	2	950	2	6.7	50.0	2,864.25
95754307	WASTE MEK	90.0	2	1,540	2	6.7	50.0	4,643.10
95921551	WASTE MEK	90.0	2	1,050	2	6.7	50.0	3,165.75
	
	
	
	
	
	
	
1. Subtotal Credit (lbs)								10,673.10
2. TOTAL CREDIT (lbs)								10,673.10

Page # 01 of 01 TOTAL PAGES IN FORM WU



Form WU - Non-Permitted Credits for Waste Shipments - Liquid Organic Material

Note: You can reduce the total emissions of organic gases on Form B3U by accounting for organic waste materials that are recycled. You must attach all waste manifests for proper credit. Only recycled liquid organic waste material from non-permitted processes should be reported on this form. For all waste from permitted processes, please use Form W. Waste reported on Form WU must correspond to organic materials reported on Form B3U; i.e. to correctly account for recycled waste, use of the material must be shown on Form B3U. Do not report recycled waste oil.

Name and ID No.: Please fill in your facility name and facility ID number in the designated spaces, exactly as indicated on Form X (signature sheet) in your package.

Manifest Document Number and Material Description: Write in column (a) the state manifest document number (which appears near the top right hand corner of your manifest). When waste contains more than one material, one entry (row) must be used for each type of reportable material. Each entry (row) must correspond to an entry of organic materials reported on Form B3U. Multiple rows with the same manifest number can be used. In column (b), briefly describe the type of waste in the shipment. In general, there should be a direct correspondence between materials listed on Form B3U and materials listed for waste credits on Form WU.

Solvent Percent, Material Description and Quantity: For each of your waste shipments quantitatively analyzed by a certified laboratory, fill in the actual percent of solvents determined from laboratory test result. For each of your waste shipments NOT quantitatively analyzed by a certified laboratory, percent solvent can be determined from waste profile data on the hazardous waste manifest. Enter the percent solvent in column (c) and in column (d) percent units, percent by weight (%W) or percent by volume (%V). If a waste shipment contained multiple solvents, use one entry for each of the solvents. Enter the amount shipped in column (e), and the units of the shipment (pounds or gallons) in column (f). Please use consistent units. If waste shipped is in pounds, you must use percent solvent by weight. If waste shipped is in gallons, you must use percent solvent by volume.

Emission Factor (VOC Content): Based on the type of material in the waste shipment, write the appropriate emission factor in column (g). The emission factor for each material must correspond to the emission factor for the same material used on Form B3U. If on Form B3U you used Overall Control Efficiency for a specific material, the emission factor for the same material on Form WU must be calculated using the following formula:

$$\text{Emission Factor on Form WU} = \text{Emission Factor from Form B3U} \times (1 - \text{Overall Control Efficiency from Form B3U})$$

The emission factor should be in lbs/gal or lbs/lbs and consistent with the unit code indicated in column (f).

Credit Percent: For each of your waste shipments quantitatively analyzed by a certified laboratory, enter 100% in column (h). You are entering 100% because in column (c) you used the actual percentage of solvent recovered (not estimated value from manifest). You must attach a copy of the laboratory test results in addition to the manifest for proper credit, otherwise you will receive only 50% credit for the waste shipment. For each of your waste shipments not analyzed by a certified laboratory, if shipping records (hazardous waste manifests) show a description of the waste and quantities shipped, 50% of the waste can be claimed as a recycled solvent credit. Enter 50% in the column (h).

Emission Credit: When calculating emission credit, be sure to use consistent units, i.e.:

If quantity of organic material is in gallons (gal), corresponding units for Solvent% and Credit% are by volume and Emission Factor in lbs/gal.

If quantity of organic material is in pounds (lbs), corresponding units for Solvent% and Credit% are by weight and Emission Factor is 1 lb/lb.

To calculate the emission credit from each shipment, use the following formula:

$$\text{Emission Credit} = \left[\frac{(\text{Solvent}\%)}{100} \right] \times (\text{Quantity}) \times (\text{Emission Factor}) \times \left[\frac{(\text{Credit}\%)}{100} \right]$$

(column i) = [(column c) / 100] X (column e) X (column g) X [(column h) / 100]

Subtotal Credit: If you use more than one Form WU, indicate in the space provided the page number and the total number of Form WU. For example, if you use 4 forms, indicate in the boxes - page 1 of 4, page 2 of 4, etc. Total the emission credits (on each page) and place the total on Line 1, subtotal emissions (lbs).

Total Credit: Complete Line 2 only on the last page of Form WU. On Line 2 enter the sum of the subtotals from Line 1 of all WU forms, and enter total credits on Line 3 of Form B3U (the last page of B3U, if more than one page is used).

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. GAZD91719450		Manifest Document No. 5215917		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address E/M CORPORATION 6940 FARMDALE AVE., NORTH HOLLYWOOD, CA 91605						A. State Manifest Document Number 95352597							
4. Generator's Phone 818 983-1952						B. State Generator's ID							
5. Transporter 1 Company Name PACIFIC COAST LACQUER						C. State Transporter's ID 446216							
6. US EPA ID Number GAZD008252405						D. Transporter's Phone (800) 499-7145							
7. Transporter 2 Company Name						E. State Transporter's ID							
8. US EPA ID Number						F. Transporter's Phone							
9. Designated Facility Name and Site Address PACIFIC RESOURCE RECOVERY 3150 E. PICO BLVD. LOS ANGELES, CA 90023						G. State Facility's ID GAZD008252405							
10. US EPA ID Number GAZD008252405						H. Facility's Phone (800) 499-7145							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number	
a. RG WASTE FLAMMABLE LIQUID, N.O.S. (METHYL ETHYL KETONE) 3, UN1993, PG II (D001) USED FOR CLEANING						No.		Type				State	
						0114		DM		01063P		G	
b. RG WASTE PAINT RELATED MATERIAL 3, UN1263, PG II (D001)						0017		DM		0013150		G	
c.												State	
												EPA/Other	
d. JUL 5 - 1995												State	
												EPA/Other	
J. Additional Descriptions for Materials Listed Above 110/94030002 METHYL ETHYL KETONE, OIL ADD EPA CODES D035, F005						K. Handling Codes for Wastes Listed Above							
11B/94030003 PAINT SLUDGE, ADD EPA CODES D035, F005						a. 01		b. 01					
						c.		d.					
15. Special Handling Instructions and Additional Information WEAR PROTECTIVE CLOTHING 24 HOUR EMERGENCY CONTACT: CHEMTREC (800) 424-9300													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects, in proper condition for transport by highway according to applicable international and national government regulations.													
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name ISMAEL PEDROZA JR.						Signature <i>[Signature]</i>						Month Day Year 06/20/95	
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name FRANK SANCHEZ						Signature <i>[Signature]</i>						Month Day Year 06/20/95	
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name TS						Signature <i>[Signature]</i>						Month Day Year 06/20/95	
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name DAN SKIDMORSE						Signature <i>[Signature]</i>						Month Day Year 06/20/95	

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDf SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
(Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address E/M CORPORATION 6940 PARADALE AVE., NORTH HOLLYWOOD, CA 91605		C A D P 9 1 7 1 8 3 5 0 2 1 5 5 1		A. State Manifest Document Number 95921551	
4. Generator's Phone (213) 375-0101				B. State Generator's ID #	
5. Transporter 1 Company Name PACIFIC COAST LACQUER		6. US EPA ID Number C A D 0 0 8 2 5 2 4 0 5		C. State Transporter's ID # 12094118	
				D. Transporter's Phone 213-261-7145	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID #	
				F. Transporter's Phone	
9. Designated Facility Name and Site Address Pacific Resource Recovery 3150 East Pico Blvd. Los Angeles, CA 90023		10. US EPA ID Number C A D 0 0 8 2 5 2 4 0 5		G. State Facility's ID # C A D 0 0 8 2 5 2 4 0 5	
				H. Facility's Phone (213) 251-7145	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	14. Unit Wt/Vol
a. SQ, WASTE FLAMMABLE LIQUID, N.O.S. (METHYL ETHYL KETONE) 3, UN1993, PGII (D001)		1021 1		41450	G
b. RL, WASTE PAINT RELATED MATERIAL, 3, UN1263, PGII (D001)		1012 1		10000	I
c.					
d.					
J. Additional Descriptions for Materials Listed Above 11A) 94030002, METHYL ETHYL KETONE, OIL ADD EPA CODES D035, F005 11B) 94030003, PAINT SLUDGE ADD EPA CODES D035, F005		K. Handling Codes for Wastes Listed Above a. b. c. d.			
15. Special Handling Instructions and Additional Information ERG 11A) 27 11B) 25 11C) 11D) WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT 24 HOUR EMERGENCY CONTACT: CHEMTREC 800 424-9300 OR KERN WALDORF 714 551-0431					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name ISMAEL PEDUEJA		Signature <i>Ismael Pedueja</i>		Month Day Year 05/23/96	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name FRANK SANCHEZ		Signature <i>Frank Sanchez</i>		Month Day Year 05/23/96	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Signature Month Day Year					

DO NOT WRITE BELOW THIS LINE.

Form B1

PERMITTED ANNUAL EMISSIONS FROM FUEL BURNING IN BOILERS, OVENS, FURNACES, & HEATERS

July 1995 - June 1996
South Coast Air Quality Management District

Please read instructions on the reverse side before completing form.

Please carry all emission calculations to 2 decimal places.

PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUB

FACILITY NAME

0	1	5	7	6	0
---	---	---	---	---	---

FACILITY I.D. NUMBER

FUEL CODE (a)	Annual Usage (b)	Organic Gases (c)	Methane (d)	Nitrogen Oxides (e)	Sulfur Oxides (f)	Carbon Monoxide (g)	Particulate Matter (h)
1	5 . 6	7 . 0 39 . 2	0 . 0 0 . 0	130 . 0 728 . 0	0 . 83 4 . 6	35 . 0 196 . 0	7 . 5 42 . 0
1. TOTAL EMISSIONS (lbs)		39 . 2	0 . 0	728 . 0	4 . 6	196 . 0	42 . 0
2. Divide Line 1 by 2000. Then transfer to Form C, Line 1 (tons)		. 02	. 00	. 36	. 00	. 10	. 02

Fuel Code 8, Other: _____



Form B1 - Permitted Annual Emissions From Fuel Burning in Boilers, Ovens, Furnaces and Heaters

Note: DO NOT report RECLAIM NOx and SOx emissions on this form. Instead use Form CR. Report all cogeneration or resource recovery fuel usage on Form E1.

Name and ID No.: Please fill in your facility name and facility ID number in the designated spaces, exactly as indicated on Form X (signature sheet) in your package.

Fuel Code and Annual Usage: For each fuel used in boilers, ovens, furnaces, and heaters, write in column (a) the appropriate fuel code from the table below and fill in the annual usage in column (b). If you have selected fuel code "8", please specify the fuel type at the bottom of the form. Please use appropriate units (e.g., million cubic feet (mmcf) for gaseous fuels and 1000 gallons for liquid fuels). Please enter a separate row for each fuel type and emission factor. For example, fuel consumption metered separately for two boilers that burn natural gas would be entered on separate rows if the boilers do not have the same emission factors.

Fuel Code	Fuel Type	Fuel Code	Fuel Type	Fuel Code	Fuel Type	Fuel Code	Fuel Type
1	Natural Gas (mmcf)	3	Distillate Oil (1000 gallons)	5	Landfill Gas (mmcf)	7	Refinery Gas (mmcf)
2	LPG, Propane, Butane (1000 gallons)	4	Residual Oil (1000 gallons)	6	Digester Gas (mmcf)	8	Other - NOTE: Specify fuel on the bottom of the form.

Emission Factors: Write the appropriate emission factors for each fuel in the small box in the upper right hand corner of every cell. Please use correct units for each of the factors (i.e., the emission factor for gaseous fuels should be in lbs/mmcf and for liquid fuels in lbs/1000 gallons). Use emission factors which most accurately reflect emissions from your equipment. You must use the available equipment-specific emission factors even if these factors are higher than the common emission factors, listed in Table 1 below. All emission factors (except common emission factors listed in Table 1) must be accompanied with supporting documentation. Preference for use of emission factors should be in the following order:

- Continuous emissions monitoring (CEMS) data (if applicable). You must submit CEMS summary data.
- Source tests pre-approved by AQMD (if applicable). You must submit a copy of the source test results and supporting data.
- Rule or permit emission factors or Best Available Control Technologies (BACT) emission levels (if applicable). You must submit a list of equipment by rule number and by permit number that comply with the rule or permit limit, or comply with the BACT levels. NOx emission factors for boilers subject to Rules 1146 and 1146.1 are listed in Table 2, below. These factors apply to boilers complying with emission limits in Rule 1146 or Rule 1146.1, not to boilers which comply with low-use provisions of paragraph (c)(2) of both Rules.
- Best available data (you must submit supporting documentation) or common emission factors that represent uncontrolled emissions are listed in Table 1, below. For refinery gas, you may use EPA Document AP-42. Common emission factors should only be used if no other emission factors are available.

Example 1 : If your natural gas boilers comply with Rule 1146, you must use the appropriate NOx emission factor. Emission factor based on Rule 1146 for NOx is listed in Table 2, below. That emission factor will be lower than the common factor resulting in overall lower emissions. If you have source tests pre-approved by AQMD for the same boiler, you must use resulting emission factor and enclose supporting documentation.

Example 2 : If the equipment has preheated combustion air and the NOx emission factor is higher than the common factor, you must use the actual factor even if it results in higher emissions.

Emissions: Calculate the emissions for each pollutant by multiplying the annual usage by the emission factor for each pollutant using the appropriate units and enter the calculated emissions in the corresponding cell for each pollutant.

Total Emissions: Total the emissions for each pollutant and enter the total on Line 1 marked Total Emissions (lbs). To convert the total emissions to tons, divide pounds by 2000, round to two (2) decimal places and enter the total emissions (tons) on Line 2. Transfer the total emissions (tons) to Form C, Line 1 in the respective columns.

Table 1: Common Emission Factors For EXTERNAL Combustion Equipment

Fuel	Organic Gases	Methane	Nitrogen Oxides	Sulfur Oxides	Carbon Monoxide	Particulate Matter
Natural Gas (mmcf)	7.00	0.00	130.00	0.83	35.00	7.50
LPG, Propane, Butane (1000 gal.)	0.26	0.28	12.80	4.60	3.20	0.28
Distillate Oil 0.05% S (1000 gal.)	0.20	0.05	20.00	7.10	5.00	2.00
Distillate Oil 0.5% S (1000 gal.)	0.20	0.05	20.00	71.00	5.00	2.00
Residual Oil 0.25% S (1000 gal.)	0.28	1.00	55.00	39.25	5.00	5.50
Residual Oil 0.5% S (1000 gal.)	0.28	1.00	55.00	78.50	5.00	5.50

Table 2: Rules Emission Factors

Fuel	Nitrogen Oxides
A) E.F. based on Rule 1146	
Natural Gas (mmcf)	49.80
LPG, Propane, Butane (1000 gal.)	4.50
B) E.F. based on Rule 1146.1	
Natural Gas (mmcf)	37.40
LPG, Propane, Butane (1000 gal.)	3.40

Form B2U

NON-PERMITTED ANNUAL EMISSIONS FROM FUEL BURNING - INTERNAL COMBUSTION ENGINES & TURBINES

July 1995 - June 1996
South Coast Air Quality Management District

Please read Instructions on the reverse side before completing form.

Please carry all emission calculations to 2 decimal places.

PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUB.

FACILITY NAME

0	1	5	7	6	0
---	---	---	---	---	---

FACILITY I.D. NUMBER

EQU. CODE (a)	FUEL CODE (b)	Annual Usage (c)	Organic Gases (d)	Methane (e)	Nitrogen Oxides (f)	Sulfur Oxides (g)	Carbon Monoxide (h)	Particulate Matter (i)
1	2	1.78	83.0 147.74	0.0 0.0	139.0 247.42	0.35 0.62	129.0 229.62	5.0 8.9
	
	
	
	
	
	
	
1. SUBTOTAL EMISSIONS (lbs)			147.74	0.00	247.42	0.62	229.62	8.9
2. SUM OF SUBTOTALS (lbs) from all B2U forms (including this one).*			147.74	0.00	247.42	0.62	229.62	8.9
3. Divide Line 2 by 2000. Then transfer to Form CU, Line 2 (tons).*			0.07	0.0	0.12	0.00	0.11	0.00

*If you have more than one page, complete Lines 2 and 3 ONLY ON THE FINAL PAGE.

Fuel Code 7, Other: _____

Page # 01 of 01 TOTAL PAGES IN FORM B2U



Form B2U - Non-Permitted Annual Emissions From Fuel Burning - Internal Combustion Engines & Turbines

Note: DO NOT report fuel and emissions from on-road or off-road mobile source vehicles and equipment such as in-plant vehicles and lift trucks.

Note: Please include only non-permitted emissions. Please refer to the General Instruction Book for the definition of non-permitted equipment under Frequently Asked Questions (Question #C and #D). Under Rule 301 (e), you must keep separate records for your non-permitted equipment which would allow the determination of emissions from such equipment. DO NOT report RECLAIM NOx and SOx emissions on this form. Instead use Form CR.

Name and ID No.: Please fill in your facility name and facility ID number in the designated spaces, exactly as indicated on Form X (signature sheet) in your package.

Equipment, Fuel Codes and Annual Usage: Fill in the appropriate equipment code in column (a) and the appropriate fuel code in column (b) from the table below. If you have selected fuel code "7", please specify the fuel type at the bottom of the form. In column (c), fill in the annual usage of fuel. Please use appropriate units (e.g., mmcf for gaseous fuels and 1000 gallons for liquid fuels).

Equipment Code	Equipment Type	Equipment Code	Equipment Type
1	Internal Combustion Engines	2	Turbines

Fuel Code	Fuel Type	Fuel Code	Fuel Type	Fuel Code	Fuel Type	Fuel Code	Fuel Type
1	Natural Gas (mmcf)	3	Diesel Oil (1000 gallons)	5	Landfill Gas (mmcf)	7	Other - NOTE: Specify fuel on the bottom of the form.
2	LPG, Propane, Butane (1000 gallons)	4	Gasoline (1000 gallons)	6	Digester Gas (mmcf)		

Emission Factors: Write the appropriate emission factors for each fuel/equipment combination in the small box in the upper right hand corner of every cell. Please use correct units for each of the factors (e.g., the emission factor for gaseous fuels should be in lbs/mmcf and for liquid fuels in lbs/1000 gallons). You must use emission factors which must accurately reflect emissions from your non-permitted equipment and provide supporting documentation (e.g., source test results) to substantiate the emission factors. Common emission factors that represent uncontrolled emissions are listed in the table below.

Emissions: Calculate the emissions for each pollutant by multiplying the annual usage by the emission factor for each pollutant using the appropriate units and enter the calculated emissions in the corresponding cell for each pollutant.

Subtotal Emissions: If you use more than one Form B2U, indicate in the space provided the page number and the total number of Form B2U. For example, if you use 4 forms, indicate in the boxes - page 1 of 4, page 2 of 4, etc. Total the emissions for each column (on each page) and place the total on Line 1, Subtotal Emissions (lbs).

Sum of Subtotals: Complete Lines 2 and 3 only on the last page of Form B2U. On Line 2 enter the sum of the subtotals from Line 1 of all B2U forms. To convert the totals to tons, divide pounds by 2000, round to two (2) decimal places and enter the total (tons) on Line 2. Transfer the total (tons) to Form CU, Line 2 in the respective columns.

Common Emission Factors For Internal Combustion Engines

Fuel	Organic Gases	Methane	Nitrogen Oxides	Sulfur Oxides	Carbon Monoxide	Particulate Matter
Natural gas (mmcf)	280.00	1,120.00	3,400.00	0.60	430.00	---
LPG, Propane, Butane (1000 gallons)	83.00	---	139.00	0.35	129.00	5.00
Gasoline (1000 gallons)	206.00	---	102.00	5.30	3,940.00	6.50
Diesel Oil (1000 gallons)	37.50	---	469.00	7.10	102.00	33.50

Form B3

PERMITTED ANNUAL EMISSIONS FROM THE USE OF ORGANICS

July 1995 - June 1996
South Coast Air Quality Management District

Please read instructions on the reverse side before completing form.

Please carry all emission calculations to 2 decimal places.

PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUB.

FACILITY NAME

0	1	5	7	6	0
---	---	---	---	---	---

FACILITY I.D. NUMBER

Material Code (a)	Material Description (b)	Rule Number (c)	Annual Usage (d)	Units 1=Lbs 2=Gal (e)	Waste Credit (f)	Emission Factor (g)	Overall Control Efficiency (h)	Organic Gases (d) x (g) x (1-h) (i)	Specific Organics (d) x (g) x (1-h) (j)
9 9 1	SOLID FILM LUBE	1124	638	2	Y	4.50	0	7,371.0	.
0 4 0	PRIMER - OTHER	11		2	Y	4.20	0	100.8	.
0 4 0	PRIMER			2	Y	4.20	0	982.8	.
9 9 1	BARRIER COATING			2	Y	7.76	.95	119.89	.
9 9 3	N-METHYL PYRROLIDONE		3	2	N	8.58	0	25.74	.
3 8 0	ISOPROPYL ALCOHOL		10	2	Y	6.60	0	66.00	.
0 2 0	ENAMEL, OTHER	1107	39	2	Y	3.00	0	117.0	.
4 2 0	METHYL ETHYL KETONE	1107	257	2	Y	6.70	0	1,721.9	.
5 1 0	TOLUENE	1107	637	2	Y	7.20	0	4,586.4	.
2 1 0	BUTYL CELLOSOLVE	1107	4	2	Y	7.50	0	30.0	.
3 8 0	ISOPROPYL ALCOHOL	1107	401	2	Y	6.60	0	2,646.6	.

1. Subtotal Emissions (lbs) for this form:

17,768.13

2. Sum of Subtotals (lbs) from all B3 forms (including this one)*:

Page # 01 of 02 TOTAL

3. Credit (lbs) from Form W (sum of subtotals on all W forms)*:

PAGES IN FORM B3

4. Net Emissions (lbs) (Line 2 - Line 3)*:

5. Divide Line 4 by 2000 then transfer to Form C, Line 3 (tons)*:



Form B3 - Permitted Annual Emissions From the Use of Organics

Note: Acetone, ethane, perchlorobenzotrifluoride and volatile methylated siloxanes listed in Rule 102 are classified as exempt compounds and should not be reported on Form B3 as Organic Gases. Specific Organics defined as eight organic compounds listed in Appendix B of the General Instruction Book should be reported on Form B3. Do not report any organics other than these eight compounds as Specific Organics. Any other Chlorofluorocarbons not classified as Specific Organics are to be reported on Form TAC.

Name and ID No.: Please fill in your facility name and facility ID number in the designated spaces, exactly as indicated on Form X (signature sheet) in your package.

Material Code: For each organic material used (solvents, coatings, inks, etc.), find the 3 digit material code in Appendix B of the General Instruction Book, and write it in column (a). Each material must be identified by its material code and reported separately. For example, if you thin a coating prior to application, report the coating on one line and the thinner on a separate line. If you cannot find the code for the material you used, enter one of the Other Material Codes (991, 992, 993 or 995). DO NOT report materials with known material codes under "Other Material Codes".

Material Description, Rule Number and Annual Usage: Information about each organic material used can be found in the Material Safety Data Sheet (MSDS) or other technical data sheet from your vendor. Describe the material in column (b), using the manufacturer's material name as shown on the MSDS. Enter the applicable rule number in column (c). Report the annual usage in column (d) and indicate in column (e) whether the annual usage reported in column (d) is in pounds or gallons. In the Waste Credit column (f), enter "Y" for yes if you are planning to apply a Waste Credit for that specific material and "N" for no (see instructions on Form W for more information about Waste Credits). In general, there should be a direct correspondence between materials listed on Form B3 and materials listed for waste credits on Form W.

Emission Factor or VOC Content: In column (g) write in the emission factor or VOC number for the material. Please use consistent units. For example, if the material is in gallons, the emission factor should be in lbs/gal and if the material usage is in pounds, the emission factor should be in lbs/lbs. Use the VOC content (which determines the emission factor) from your MSDS and submit a copy of the MSDS. When determining emission factor for Organic Gases, make sure that VOC content in the MSDS does not include exempt solvents, specific organics, Toxics Air Contaminants (TAC) or Ozone Depleting Compounds (ODC). When determining emission factor for Specific Organics, make sure that the Specific Organic content does not include exempt solvents, VOC, TAC or ODC.

If the MSDS does not include VOC content, you can calculate the VOC content based on the weight percent of VOC compound reported on MSDS. Using the weight percentage (W%) of VOC compounds and density or specific gravity (from MSDS), the emission factor can be calculated as:

$$\text{VOC (lbs/gal)} = \text{W\%} \times \text{Density (lbs/gal)} \quad \text{where: Density} = \text{Specific gravity} \times 8.34 \text{ lbs/gal} \quad \text{and W\%} = \text{Total weight percent of VOC compounds}$$

If the MSDS is not available, you may use the default emission factors for common organics listed in Appendix B of the General Instruction Book

For lithographic inks and associated overprint varnishes, the MSDS emission factor should include all VOC containing materials, including litho oil. To calculate the emission factor for lithographic inks and associated overprint varnishes, multiply the VOC content by the ink absorption factors (IAF) and enter the result in column (g):

$$\text{Emission factor (lbs/gal)} = \text{VOC (lbs/gal)} \times \text{IAF}$$

You may use the following ink absorption factors (IAF):

Cold Set / Air Dry, IAF = 0.10

Heat Set - UV / IR, IAF = 0.50

Heat Set - Gas or Electric, IAF = 0.80

Overall Control Efficiency: If your company does not have control equipment, enter "0" in column (h). If your company has installed control equipment to reduce the organic emissions, (e.g., afterburner, carbon adsorber, etc.) determine the Overall Control Efficiency and enter it in column (h). Attach the results page from the most recent source test to substantiate control efficiency. The Overall Control Efficiency represents the emission portion that is captured and destroyed by control equipment. To calculate the Overall Control Efficiency use the formula:

$$\text{Overall Control Efficiency} = \text{capture efficiency} \times \text{destruction efficiency}$$

Use decimal fraction to report efficiencies (e.g. 0.85 for 85%, 0.925 for 92.5%)

Emissions: To calculate emissions from Organic Gases, column (i), or Specific Organics, column (j), use the following formula:

$$\begin{aligned} &(\text{annual usage}) \text{ gal} \times (\text{Emission Factor or VOC}) \text{ lbs/gal} \times (1 - \text{Overall Control Efficiency}) \quad \text{OR} \quad (\text{annual usage}) \text{ lbs} \times (\text{Emission Factor or VOC}) \text{ lbs/lbs} \times (1 - \text{Overall Control Efficiency}) \\ &\quad \text{OR} \quad (\text{Column d}) \times (\text{Column g}) \times (1 - \text{Column h}) = (\text{Column i or j}) \end{aligned}$$

Total the emissions for column (i) and column (h) (on each page) and enter the total on Line 1, Subtotal Emissions (lbs).

Net Emissions: If you use more than one Form B3, indicate in the space provided the page number and the total number of pages of Form B3. For example, if you use 8 forms, indicate in the boxes - page 1 of 8, page 2 of 8, etc. Complete Lines 2, 3, 4 and 5 only on the last page of Form B3. Total the sum of emission subtotals from all B3 forms (line 2), subtract waste credit (lbs) from Form W (line 3) to calculate Net Emissions on Line 4 of the last page only. To convert the net emissions to tons, divide pounds by 2000, round to two (2) decimal places and enter the net emissions (tons) on Line 5. Transfer the net emission (tons) to Form C, Line 3 in the respective columns.

Form B3

PERMITTED ANNUAL EMISSIONS FROM THE USE OF ORGANICS

July 1995 - June 1996
South Coast Air Quality Management District

Please read Instructions on the reverse side before completing form.

Please carry all emission calculations to 2 decimal places.

PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUB.

FACILITY NAME

0	1	5	7	6	0
---	---	---	---	---	---

FACILITY I.D. NUMBER

Material Code (a)	Material Description (b)	Rule Number (c)	Annual Usage (d)	Units 1=Lbs 2=Gal (e)	Waste Credit (f)	Emission Factor (g)	Overall Control Efficiency (h)	Organic Gases (d) x (g) x (1-h) (i)	Specific Organics (d) x (g) x (1-h) (j)
4 1 0	METHANOL	1107	55	2	Y	6.60	0	363.0	.
3 8 5	ETHYL ACETATE	1107	9	2	Y	7.51	0	67.6	.
2 1 5	GLYCOL ETHER	1107	8	2	Y	7.70	0	61.6	.
4 3 0	MINERAL SPIRITS	1107	8	2	Y	6.50	0	52.0	.
5 5 5	XYLENE	1107	43	2	Y	7.20	0	309.6	.
6 5 0	POLYURETHANE	1107	9	2	N	5.00	0	45.0	.
9 9 3	M.I.B.K.	1107	4	2	Y	6.67	0	26.7	.
								.	.
								.	.
								.	.
								.	.

1. Subtotal Emissions (lbs) for this form:

925.5

2. Sum of Subtotals (lbs) from all B3 forms (including this one)*:

18,693.63

Page # 02 of 02 TOTAL

3. Credit (lbs) from Form W (sum of subtotals on all W forms)*:

1,279.25

PAGES IN FORM B3

4. Net Emissions (lbs) (Line 2 - Line 3)*:

17,414.38

5. Divide Line 4 by 2000 then transfer to Form C, Line 3 (tons)*:

8.7

*If you have more than one page, complete Lines 2 through 5 ONLY ON THE FINAL PAGE.



Form B3 - Permitted Annual Emissions From the Use of Organics

Note: Acetone, ethane, perchlorobenzotrifluoride and volatile methylated siloxanes listed in Rule 102 are classified as exempt compounds and should not be reported on Form B3 as Organic Gases. Specific Organics defined as eight organic compounds listed in Appendix B of the General Instruction Book should be reported on Form B3. Do not report any organics other than these eight compounds as Specific Organics. Any other Chlorofluorocarbons not classified as Specific Organics are to be reported on Form TAC.

Name and ID No.: Please fill in your facility name and facility ID number in the designated spaces, exactly as indicated on Form X (signature sheet) in your package.

Material Code: For each organic material used (solvents, coatings, inks, etc.), find the 3 digit material code in Appendix B of the General Instruction Book, and write it in column (a). Each material must be identified by its material code and reported separately. For example, if you thin a coating prior to application, report the coating on one line and the thinner on a separate line. If you cannot find the code for the material you used, enter one of the Other Material Codes (991, 992, 993 or 995). DO NOT report materials with known material codes under "Other Material Codes".

Material Description, Rule Number and Annual Usage: Information about each organic material used can be found in the Material Safety Data Sheet (MSDS) or other technical data sheet from your vendor. Describe the material in column (b), using the manufacturer's material name as shown on the MSDS. Enter the applicable rule number in column (c). Report the annual usage in column (d) and indicate in column (e) whether the annual usage reported in column (d) is in pounds or gallons. In the Waste Credit column (f), enter "Y" for yes if you are planning to apply a Waste Credit for that specific material and "N" for no (see instructions on Form W for more information about Waste Credits). In general, there should be a direct correspondence between materials listed on Form B3 and materials listed for waste credits on Form W.

Emission Factor or VOC Content: In column (g) write in the emission factor or VOC number for the material. Please use consistent units. For example, if the material is in gallons, the emission factor should be in lbs/gal and if the material usage is in pounds, the emission factor should be in lbs/lbs. Use the VOC content (which determines the emission factor) from your MSDS and submit a copy of the MSDS. When determining emission factor for Organic Gases, make sure that VOC content in the MSDS does not include exempt solvents, specific organics, Toxics Air Contaminants (TAC) or Ozone Depleting Compounds (ODC). When determining emission factor for Specific Organics, make sure that the Specific Organic content does not include exempt solvents, VOC, TAC or ODC.

If the MSDS does not include VOC content, you can calculate the VOC content based on the weight percent of VOC compound reported on MSDS. Using the weight percentage (W%) of VOC compounds and density or specific gravity (from MSDS), the emission factor can be calculated as:

$$\text{VOC (lbs/gal)} = \text{W\%} \times \text{Density (lbs/gal)} \quad \text{where: Density} = \text{Specific gravity} \times 8.34 \text{ lbs/gal} \quad \text{and W\%} = \text{Total weight percent of VOC compounds}$$

If the MSDS is not available, you may use the default emission factors for common organics listed in Appendix B of the General Instruction Book

For lithographic inks and associated overprint varnishes, the MSDS emission factor should include all VOC containing materials, including litho oil. To calculate the emission factor for lithographic inks and associated overprint varnishes, multiply the VOC content by the ink absorption factors (IAF) and enter the result in column (g):

$$\text{Emission factor (lbs/gal)} = \text{VOC (lbs/gal)} \times \text{IAF}$$

You may use the following ink absorption factors (IAF):

Cold Set / Air Dry, IAF = 0.10

Heat Set - UV / IR, IAF = 0.50

Heat Set - Gas or Electric, IAF = 0.80

Overall Control Efficiency: If your company does not have control equipment, enter "0" in column (h). If your company has installed control equipment to reduce the organic emissions, (e.g., afterburner, carbon adsorber, etc.) determine the Overall Control Efficiency and enter it in column (h). Attach the results page from the most recent source test to substantiate control efficiency. The Overall Control Efficiency represents the emission portion that is captured and destroyed by control equipment. To calculate the Overall Control Efficiency use the formula:

$$\text{Overall Control Efficiency} = \text{capture efficiency} \times \text{destruction efficiency}$$

Use decimal fraction to report efficiencies (e.g. 0.85 for 85%, 0.925 for 92.5%)

Emissions: To calculate emissions from Organic Gases, column (i), or Specific Organics, column (j), use the following formula:

$$\begin{aligned} &(\text{annual usage}) \text{ gal} \times (\text{Emission Factor or VOC}) \text{ lbs/gal} \times (1 - \text{Overall Control Efficiency}) \quad \text{OR} \quad (\text{annual usage}) \text{ lbs} \times (\text{Emission Factor or VOC}) \text{ lbs/lbs} \times (1 - \text{Overall Control Efficiency}) \\ &\quad \text{OR} \quad (\text{Column d}) \times (\text{Column g}) \times (1 - \text{Column h}) = (\text{Column i or j}) \end{aligned}$$

Total the emissions for column (i) and column (h) (on each page) and enter the total on Line 1, Subtotal Emissions (lbs).

Net Emissions: If you use more than one Form B3, indicate in the space provided the page number and the total number of pages of Form B3. For example, if you use 8 forms, indicate in the boxes - page 1 of 8, page 2 of 8, etc. Complete Lines 2, 3, 4 and 5 only on the last page of Form B3. Total the sum of emission subtotals from all B3 forms (line 2), subtract waste credit (lbs) from Form W (line 3) to calculate Net Emissions on Line 4 of the last page only. To convert the net emissions to tons, divide pounds by 2000, round to two (2) decimal places and enter the net emissions (tons) on Line 5. Transfer the net emission (tons) to Form C, Line 3 in the respective columns.

Form W

PERMITTED CREDITS FOR WASTE SHIPMENTS - LIQUID ORGANIC MATERIALS

July 1995 - June 1996
South Coast Air Quality Management District

Please read instructions on the reverse side before completing form.

Please carry all emission calculations to 2 decimal places.

PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUB.

FACILITY NAME

0 1 5 7 6 0

FACILITY I.D. NUMBER

Please attach the waste manifests for proper credit.
Report only permitted recycled liquid organic materials on this form.

Manifest Document Number (a)	Material Description (b)	Solvent [%] (c)	Units 1=%W 2=%V (d)	Quantity (e)	Units 1=Lbs 2=Gal (f)	Emission Factor (g)	Credit [%] (h)	Emission Credit (lbs) [(c)/100] x (e) x (g) x [(h)/100] (i)
9532597	WASTE PAINT & SOLVENT	85.0	2	350	2	7.0	50.0	1,041.25
95921551	WASTE PAINT & SOLVENT	85.0	2	80	2	7.0	50.0	238.00
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1. Subtotal Credit (lbs)

2. TOTAL CREDIT (lbs)

1,279.25

1,279.25



Form W - Permitted Credits for Waste Shipments - Liquid Organic Material

Note: You can reduce the total emissions of organic gases on Form B3 by accounting for organic waste materials that are recycled. You must attach all waste manifests for proper credit. Only recycled liquid organic waste material from permitted processes should be reported on this form. For all waste from non-permitted processes, please use Form WU. Waste reported on Form W must correspond to organic materials reported on Form B3; i.e., to correctly account for recycled waste, use of the material must be shown on Form B3. Do not report recycled waste oil.

Name and ID No.: Please fill in your facility name and AQMD ID number in the designated spaces, exactly as indicated on Form X (signature sheet) in your package.

Manifest Document Number and Material Description: Write in column (a) the state manifest document number (which appears near the top right hand corner of your manifest). When waste contains more than one material, one entry (row) must be used for each type of reportable material. Each entry (row) must correspond to an entry of organic materials reported on Form B3. Multiple rows with the same manifest number can be used. In column (b), briefly describe the type of waste in the shipment. In general, there should be a direct correspondence between materials listed on Form B3 and materials listed for waste credits on Form W.

Solvent Percent, Material Description and Quantity: For each of your waste shipments quantitatively analyzed by a certified laboratory, fill in the actual percent of solvents determined from laboratory test result. For each of your waste shipments NOT quantitatively analyzed by a certified laboratory, percent solvent can be determined from waste profile data on the hazardous waste manifest. Enter the percent solvent in column (c) and in column (d) percent units, percent by weight (%W) or percent by volume (%V). If a waste shipment contained multiple solvents, use one entry for each of the solvents. Enter the amount shipped in column (e), and the units of the shipment (pounds or gallons) in column (f). Please use consistent units. If waste shipped is in pounds, you must use percent solvent by weight. If waste shipped is in gallons, you must use percent solvent by volume.

Emission Factor (VOC Content): Based on the type of material in the waste shipment, write the appropriate emission factor in column (g). The emission factor for each material must correspond to the emission factor for the same material used on Form B3. If on Form B3 you used Overall Control Efficiency for a specific material, the emission factor for the same material on Form W must be calculated using the following formula:

$$\text{Emission Factor on Form W} = \text{Emission Factor from Form B3} \times (1 - \text{Overall Control Efficiency from Form B3})$$

The emission factor should be in lbs/gal or lbs/lbs and consistent with the unit code indicated in column (f).

Credit Percent: For each of your waste shipments quantitatively analyzed by a certified laboratory, enter 100% in column (h). You are entering 100% because in column (c) you used the actual percentage of solvent recovered (not estimated value from manifest). You must attach a copy of the laboratory test results in addition to the manifest for proper credit, otherwise you will receive only 50% credit for the waste shipment. For each of your waste shipments not analyzed by a certified laboratory, if shipping records (hazardous waste manifests) show a description of the waste and quantities shipped, 50% of the waste can be claimed as a recycled solvent credit. Enter 50% in the column (h).

Emission Credit: When calculating emission credit, be sure to use consistent units, i.e.:

If quantity of organic material is in gallons (gal), corresponding units for Solvent% and Credit% are by volume and Emission Factor in lbs/gal.

If quantity of organic material is in pounds (lbs), corresponding units for Solvent% and Credit% are by weight and Emission Factor is 1 lb/lb.

To calculate the emission credit from each shipment, use the following formula:

$$\begin{aligned} \text{Emission Credit} &= [(\text{Solvent}\%) / 100] \times (\text{Quantity}) \times (\text{Emission Factor}) \times [(\text{Credit}\%) / 100] \\ (\text{column i}) &= [(\text{column c}) / 100] \times (\text{column e}) \times (\text{column g}) \times [(\text{column h}) / 100] \end{aligned}$$

Subtotal Credit: If you use more than one Form W, indicate in the space provided the page number and the total number of Form W. For example, if you use 4 forms, indicate in the boxes - page 1 of 4, page 2 of 4, etc. Total the emission credits (on each page) and place the total on Line 1, Subtotal Emissions (lbs).

Total Credit: Complete Line 2 only on the last page of Form W. On Line 2 enter the sum of the subtotals from Line 1 of all W forms, and enter total credits on Line 3 of Form B3 (the last page of B3, if more than one page is used).

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address RHO-CHEM CORPORATION 5940 FARMDALE AVE., NORTH HOLLYWOOD, CA 91605		1. Generator's US EPA ID No. C A D 0 9 1 7 1 9 4 5 0		A. State Manifest Document Number 92655104	
4. Generator's Phone (213) 875-0101		6. US EPA ID Number C A D 0 0 8 3 6 4 4 3 2		B. State Generator's ID 426050	
5. Transporter 1 Company Name RHO-CHEM CORPORATION		7. Transporter 2 Company Name		C. State Transporter's ID (213) 776-6233	
9. Designated Facility Name and Site Address RHO-CHEM CORPORATION 425 ISIS AVE. INGLEWOOD, CA 90301		10. US EPA ID Number C A D 0 0 8 3 6 4 4 3 2		D. Transporter's Phone (213) 776-6233	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	
a. 6.0. WASTE HALOGENATED IRRITATING LIQUIDS, NOS (1,1,1-TRICHLOROETHANE, TRICHLOROETHYLENE), 6.1. UN1810, PGIII (ERG#58)		No. Type		14. Unit Wt/Vol	
b.		002 01 00105		1. Waste Number State 214/741	
c.				EPA/Other D006, F001, F001	
d.				State EPA/Other	
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above		State EPA/Other	
11A. PROFILE#231005, ADD'L EPA CODE D007, D008: OIL 5-6%, DIRT 3-9%, 1,1,1-TRICHLOROETHANE 40-70%, WATER 2-9%, TETRACHLOROETHYLENE 0-5%, TRICHLOROETHYLENE 0-1%, METHYL ETHYL KETONE 0-5%, TETRAHYDROFUR 0-5%, TOLUENE 0-5%		a. 01		b.	
15. Special Handling Instructions and Additional Information		c.		d.	
24. NON-EXPLOSIVE CONTENT: CHEMTREC 1-800-424-9300. WEAR APPROPRIATE PROTECTIVE GEAR WHEN HANDLING. CONC. DIRTY TO GLOVES EXT 1-42 DANGER: 11995, 11995, 11995, 11995, 11995, 11995, 11995, 11995, 11995, 11995					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.					
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name RAYMOND KRISHOCK		Signature [Signature]		Month Day Year 11 15 1995	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name KEN ATKINSON		Signature [Signature]		Month Day Year 11 29 1995	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space		DEC 07 1995			
20. Facility Owner or Operator Certification of receipt of hazardous material covered by this manifest except as noted in Item 19. Printed/Typed Name Rebecca Sanchez		Signature [Signature]		Month Day Year 11 29 1995	

DO NOT WRITE BELOW THIS LINE.

DO NOT WRITE BELOW THIS LINE.

DTSC-8022A (1/95)
:PA 8700-22

Form S

FEES DUE SUMMARY

(This form should be the top page of your return package)

July 1995 - June 1996
South Coast Air Quality Management District

Please read instructions on the reverse side
before completing form.
PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUB.

0	1	5	7	6	0
---	---	---	---	---	---

FACILITY NAME

FACILITY I.D. NUMBER

Submittal Date:
No later than
August 30, 1996

	Total Emissions from Form C, Line 6 (tons) (a)	Total Emissions from Form CR (tons) (b)	TOTAL EMISSIONS Add column (a) and (b) (tons) (c)	Emission Fee Due per Pollutant from Appendix G (d)
ORGANIC GASES	8.72	0.00	9.	\$ 1,627.32
N O F E E F O R M E T H A N E				
SPECIFIC ORGANICS	0.00	0.00	0.	\$ 0.00
NITROGEN OXIDES	0.36	.	0.	\$ 0.00
SULFUR OXIDES	0.00	.	0.	\$ 0.00
CARBON MONOXIDE	0.10	0.00	0.	\$ 0.00
PARTICULATE MATTER	0.02	0.00	0.	\$ 0.00
1. TOTAL EMISSION FEES FOR ALL CRITERIA POLLUTANTS (Add all fees in Column (d))				\$ 1,627.32
2. TOXIC AIR CONTAMINANTS/OZONE DEPLETER FEES (Enter the total amount from Forms TAC and/or DC)				\$ 336.82
3. TOTAL FEES DUE (Add line 1 and Line 2)				\$ 1,964.14
4. INSTALLMENTS PAID FOR FY 1995-1996 (If any) - All criteria pollutants				(\$.)
5. INSTALLMENTS PAID FOR FY 1995-1996 (If any) - Toxic Air Contaminants/Ozone Depleters				(\$.)
6. SPECIAL FEE DEDUCTION FOR RECLAIM CYCLE 1 FACILITIES ONLY (Enter the amount from Form CR, Line 10)				(\$.)
7. BALANCE DUE (Line 3 - Line 4 - Line 5 - Line 6)				\$ 1,964.14
8. LATE FEE (If any)				\$.
9. TOTAL AMOUNT ENCLOSED				\$ 1,964.14
Check # _____				

FOR DISTRICT USE ONLY



Form X

SIGNATURE SHEET

July 1995 - June 1996
South Coast Air Quality Management District

SUBMITTAL DATE: No later than August 30, 1996

Please read instructions on the reverse side before completing form.
PLEASE PRINT NEATLY.

FACILITY I.D.
NUMBER

0	1	5	7	6	0
---	---	---	---	---	---

SIC
CODE

3	4	7	9
---	---	---	---

SIC Code: 2899

MAILING INFORMATION:

K I S O K R A M O N I
E/M CORP GREAT LAKES CHEMICAL CORP
SUB
6940 FARMDALE AVE
NORTH HOLLYWOOD CA 91605

EQUIPMENT LOCATION:

Facility: E/M CORP, GREAT LAKES CHEMICAL
CORP SUB
Location: 6921 & 6940 FARMDALE AVE
NORTH HOLLYWOOD

Contact Telephone: 818 - 983-3952

MAILING INFORMATION UPDATES:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Company Name

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Street Address

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

City State Zip

R	A	Y	M	O	N	D	K	R	I	S	H	O	C	K											
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--

Contact Person

8	1	8	-	9	8	3	-	1	9	5	2				
---	---	---	---	---	---	---	---	---	---	---	---	--	--	--	--

Telephone Extension

STATUS UPDATES

Effective Date

	Month	Day	Year
<input type="checkbox"/> Change of Ownership			
<input type="checkbox"/> Change in Equipment Location			
<input type="checkbox"/> Facility Shutdown			

BUSINESS OPERATING HOURS

Hours per day	1	6
Days per week	5	
Weeks per year	5	2

I declare under penalty of perjury that the data submitted truly represents throughput and emissions for this reporting period, and that the emission factors represent the best available data for my company in the calculation of annual emission figures.

Authorized Signature *Robert L. Weible*

Date 8-27-96

Name ROBERT L. WEIBLE

Title VICE PRESIDENT, WESTERN REG M

Phone Number (818) 983-1952

Ext. _____

Preparer Signature *Raymond Krishock*

Date 8-27-96

Name RAYMOND KRISHOCK

Title COPORATE STAFF ENGINEER

Name of Organization E/M CORP, GREAT LAKES CHEM

Phone Number (818) 983-1952

Ext. _____

S.C.A.Q.M.D. reserves the right to audit the reported emissions. All records and calculations used in completing this summary must be retained for a minimum of two years.



AQMD Form X 7/1/96

**PERMITTED
ANNUAL EMISSIONS SUMMARY**

July 1995 - June 1996
South Coast Air Quality Management District

Please read instructions on the reverse side before completing form.
Please carry all emission calculations to 2 decimal places.

PLEASE PRINT NEATLY:

E/M CORP, SUBSIDIARY GREAT LAKES CHEMICAL

FACILITY NAME

FACILITY I.D. NUMBER

0	1	5	7	6	0
---	---	---	---	---	---

[illegible]

Form CU

NON-PERMITTED ANNUAL EMISSIONS SUMMARY

July 1995 - June 1996
South Coast Air Quality Management District

Please read instructions on the reverse side before completing form.

Please carry all emission calculations to 2 decimal places.

PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUB

FACILITY NAME

0	1	5	7	6	0
---	---	---	---	---	---

FACILITY I.D. NUMBER

	Organic Gases (tons) (a)	Methane (tons) (b)	Specific Organics (tons) (c)	Nitrogen Oxides (tons) (d)	Sulfur Oxides (tons) (e)	Carbon Monoxide (tons) (f)	Particulate Matter (tons) (g)
1. FORM B1U, DCB or AB							
2. FORM B2U	0 . 07	0 . 00		0 . 12	0 . 00	0 . 11	0 . 00
3. FORM B3U	0 . 00						
4. FORM B4U							
5. FORM E1U or R1U							
6. Total Emissions (Add Lines 1 through 5)	0 . 07	0 . 00	0 . 00	0 . 12	0 . 00	0 . 11	0 . 00
Do Not Transfer to Form S							



Form TAC

TOXIC AIR CONTAMINANTS / OZONE DEPLETERS

July 1995 - June 1996

South Coast Air Quality Management District

Please read instructions on the reverse side before completing form.

Please round all values in columns (c) and (f) to the nearest whole pound (lb).

PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUBSIDIARY

FACILITY NAME

0	1	5	7	6	0
---	---	---	---	---	---

FACILITY I.D. NUMBER

TAC Code (a)	Toxic Air Contaminants (TAC) (b)	Annual Use (lbs) (c)	Recycling Credits (lbs) (d)	Overall Control Efficiency (e)	Annual Net Emissions (lbs) [(c)-(d)] x [1-(e)] (f)	Fee [\$/lb] (g)	Fee Due [\$] (f) x (g) (h)
1	Asbestos					\$1.33	\$
2	Benzene - exclude gasoline dispensing					\$0.79	\$
3	Benzene - bulk loading only (in 1000 gal)*					\$0.012	\$
4	Cadmium					\$1.33	\$
5	Carbon Tetrachloride					\$0.79	\$
6	Chlorinated Dioxins & Dibenzofurans (15 Species)					\$1.33	\$
7	Ethylene Dibromide					\$0.79	\$
8	Ethylene Dichloride					\$0.79	\$
9	Ethylene Oxide					\$0.79	\$
10	Formaldehyde					\$0.21	\$
11	Hexavalent Chromium					\$1.33	\$
12	Methylene Chloride					\$0.21	\$
13	Nickel					\$1.33	\$
14	Perchloroethylene					\$0.21	\$
ODC Code (a)	Ozone Depleters (ODC) (b)						
15	Chlorofluorocarbons (CFC's/Freons)					\$0.18	\$
16	1,1,1 - Trichloroethane	11,500	1,876.5	0	9,623.5	\$0.035	\$ 336.82

1. TOTAL FEE DUE:
(Transfer Total Fee Due to FORM S, Line 2)

\$ 336.82

*Benzene fee for bulk loading is based on 1000 GALLONS gasoline dispensed, NOT on benzene POUNDS.



Form WT

CREDITS FOR WASTE SHIPMENTS TOXIC AIR CONTAMINANTS/OZONE DEPLETERS

July 1995 - June 1996

South Coast Air Quality Management District

Please read instructions on the reverse side before completing form.

Please round all values in columns (d) and (h) to the nearest whole pound (lb).

PLEASE PRINT NEATLY.

E/M CORP, GREAT LAKES CHEMICAL CORP SUBSID.

FACILITY NAME

0	1	5	7	6	0
---	---	---	---	---	---

FACILITY I.D. NUMBER

Please attach the waste manifests for proper credit.

Report only recycled liquid organic TAC/ODC on this form.

Manifest Document Number (a)	Solvent [%] (b)	Units 1=%W 2=%V (c)	Quantity (d)	Units 1=Lbs 2=Gal (e)	Liquid Density (f)	Credit [%] (g)	Emission Credit (h)				
							MeCl ₂	PERC.	1,1,1 -TCA	CFC's	Other: TAC/ODC Code <div></div>
92655104	70.0	1	105	2	11.1	50.0			407.93		
95867627	70.0	1	378	2	11.1	50.0			1468.53		
	.				.	.					
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	.				.	.					
	.				.	.					
	.				.	.					
	.				.	.					
	.				.	.					
1. Subtotal Credit (lbs)									1876.46		
2. TOTAL CREDIT (lbs)									1876.46		

Page # 01 of 01 TOTAL PAGES IN FORM WT



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DEPARTMENT OF
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—
BUREAU OF SANITATION

DELWIN A. BIAGI
DIRECTOR
MICHAEL M. MILLER
ASSISTANT DIRECTOR
—
INDUSTRIAL WASTE
MANAGEMENT DIVISION

4590 COLORADO BLVD.
LOS ANGELES, CA 90039

ENGINEERING: (213) 237-0806
INSPECTION: (213) 485-5874
FAX: (213) 485-6563

RECEIVED

MAY 06 1996

E.M. CORPORATION

April 30, 1996

E/M Corporation
6940 Farmdale Avenue
North Hollywood, CA 91605

In Reply Refer to: IU000097.PRM/BS

Attn: Derek Needham, Western Operations Manager

RENEWAL OF INDUSTRIAL WASTEWATER PERMIT FOR IU000097
PERMIT: W-179816

The Bureau of Sanitation has completed a review of E/M Corporation's application to discharge industrial wastewater to the City of Los Angeles sewer system. Pursuant to the Bureau's audit, it has been determined that this facility is subject to the Metal Finishing Point Source Category, 40 CFR 433 Subpart A - PSNS, and Electroplating Point Source Category, 40 CFR 413, Subparts E and F - PSES (Coating and Chemical Etching and Milling) and other applicable Federal, State and Local wastewater discharge requirements. Therefore, in accordance with provisions of the Los Angeles Municipal Code (L.A.M.C.) Section 64.30, this Industrial Wastewater Permit is being issued to include comprehensive permit conditions which identify the requirements that are applicable to E/M Corporation.

Enclosed is the Industrial Wastewater Permit covering the wastewater discharged from this facility to the City of Los Angeles sewer system. All discharges from this facility and actions and reports relating thereto shall be in accordance with the terms and conditions of this permit.

This permit shall become effective at midnight on April 30, 1996 and shall expire at midnight on April 30, 1999. During the term of this permit, the permittee shall notify the Bureau of Sanitation 90 days prior to any changes to the facility, process, production, or pretreatment system that may change the characteristics which causes it to be different from that expressly allowed under this permit.

If there are any questions regarding these permit conditions, please contact Brian Shoener of my staff at (213) 237-0802.

Delwin A. Biagi

DELWIN A. BIAGI, Director
Bureau of Sanitation

Attachment
cc: SIU Inspection Group
Permitting Squad



**INDUSTRIAL USER
PERMIT REQUIREMENTS AND CONDITIONS**

**E/M Corporation
Industrial User No: IU000097**

**INDUSTRIAL WASTEWATER PERMIT NO.
W-179816**

CITY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS
BUREAU OF SANITATION



INDUSTRIAL WASTE MANAGEMENT DIVISION
4590 COLORADO BOULEVARD
LOS ANGELES, CA 90039
(213) 485-5886

INDUSTRIAL WASTEWATER PERMIT

INDUSTRIAL USER NO: IU000097
PERMIT NO: W-179816
EFFECTIVE DATE: 04/30/96
AMENDED DATE: 00/00/00
EXPIRATION DATE: 04/30/99

LEGAL BUSINESS NAME: E/M Corporation
DOING BUSINESS AS: E/M Corporation
MAILING ADDRESS: 6940 Farmdale Avenue
North Hollywood, CA 91605
LOCATION ADDRESS: 6940 Farmdale Avenue
North Hollywood, CA 91605
CATEGORY: Metal Finishing Category
40 CFR 433 - Subpart A - PSNS
and
Electroplating Category
40 CFR 413 - Subparts E and F - PSES
Less than 10,000 GPD
POINT OF DISCHARGE: Sewer Connection

In accordance with the provisions of the Los Angeles Municipal Code (L.A.M.C.) Section 64.30, the above identified industrial user is hereby authorized to discharge industrial wastewater through the approved point of discharge identified herein in accordance with the discharge limitations, conditions, and requirements set forth in this permit and the L.A.M.C. Compliance with this permit does not relieve the industrial user of its obligation to comply with all pretreatment regulations, standards or requirements under local, State and Federal laws, including any such laws regulations, standards or requirements that may become effective during the term of this permit.

The industrial user must comply with the provisions of L.A.M.C. Section 64.30 and all terms and conditions of this permit. Noncompliance with the terms and conditions of this permit shall constitute a violation of the L.A.M.C. Section 64.30 and may subject the industrial user to administrative enforcement actions or other legal proceedings including but not limited to suspension or revocation of this permit. This permit becomes void upon any change of ownership or location whatsoever.

DELWIN A. BIAGI, Director
Bureau of Sanitation

Signed: *James Rogers*

TABLE OF CONTENTS

	Page
PART 1 - SAMPLE POINT DESCRIPTION AND FACILITY FLOW INFORMATION	1
PART 2 - DISCHARGE LIMITATIONS	2
PART 3 - MONITORING REQUIREMENTS	4
PART 4 - REPORTING REQUIREMENTS	6
PART 5 - SPECIAL CONDITIONS	8
PART 6 - STANDARD CONDITIONS	SC-1
APPENDICES	See Appendix
Appendix A:	Fact Sheet
Appendix B:	Attachments
	Attachment 1 - Site Plan
	Attachment 2 - Manufacturing Process Layout
	Attachment 3 - Tank Schedule
	Attachment 4 - Process Wastewater Flow Diagram
	Attachment 5 - Wastewater Treatment System Diagram
Appendix C:	Self-Monitoring Report Form and Instructions

PART 1 - SAMPLE POINT DESCRIPTION AND FACILITY FLOW INFORMATION**A. Sample Point**

The industrial user is authorized to discharge industrial wastewater to the City of Los Angeles sewer system from the sample point listed below.

INDUSTRIAL WASTEWATER PERMIT	SAMPLE POINT I.D.	WASTEWATER FLOW (GPD) ¹		DESCRIPTION
		Total	Process	
W-179816	01	7,815	7,735	Secured Sampling Facility located at tank #5 of the below-grade clarifier system.

B. Industrial User Flow

Facility Flow Information ¹	Total (GPD)	Process (GPD)
	7,815	7,735

Footnotes to Sample Point Description and Industrial User Flow Information

¹ Flows indicated are average operational day values based on information evaluated by the Bureau and are not intended as maximum limits on the discharge allowed. However, the industrial user shall give notice to the Bureau if wastewater flows are significantly different than so indicated.

PART 2 - DISCHARGE LIMITATIONS

The discharge from the designated sample point shall not exceed the following discharge limitations:

A. Industrial Wastewater Permit W-179816**1. Sample Point 01 - 40 CFR 433 - Subpart A and 40 CFR 413 - Subparts E and F - < 10,000 GPD**

DISCHARGE LIMITATIONS			
Constituent	Local Instantaneous Maximum, mg/l	Federal	
		Daily Max, mg/l	Monthly Average, mg/l
Arsenic	3.00	----	----
Cadmium	15.00	0.53*	0.23*
Chromium (Total)	10.00	2.74*	1.69*
Copper	15.00	3.35*	2.05*
Lead	5.00	0.65*	0.38*
Nickel	12.00	3.94*	2.36*
Silver	5.00	0.43*	0.24*
Zinc	25.00	2.58*	1.47*
Cyanide (Total)	10.00	1.20	0.65
Cyanide (Free) ¹	2.00	5.00	2.70
Total Toxic Organics ²	----	3.04*	----
Sulfides (Dissolved)	0.10	----	----
Oil & Grease (Dispersed)	600.00	----	----
Oil & Grease (Floatable)	None Visible	----	----
pH (Standard Units)	5.50 - 11.00	----	----

* Limits have been adjusted using the combined wastestream formula.

Footnotes to Discharge Limitations

¹Cyanide (Free) shall mean cyanide amenable to chlorination as defined by 40 CFR 136.

²Total Toxic Organics (TTO) shall be the summation of all quantifiable values greater than 0.01 milligrams per liter for the following toxic organic compounds:

Acenaphthene
Acrolein
Acrylonitrile
Benzene
Benzidine
Carbon tetrachloride
Chlorobenzene
1,2,4-trichlorobenzene
Hexachlorobenzene
1,2-dichloroethane
1,1,1-trichloroethane
Hexachloroethane
1,1-dichloroethane
1,1,2-trichloroethane
1,1,2,2-tetrachloroethane
Chloroethane
Bis (2-chloroethyl) ether
2-chloroethyl vinyl ether (mixed)
2-chloronaphthalene
2,4,6-trichlorophenol
Parachlorometa cresol
Chloroform
2-chlorophenol
1,2-dichlorobenzene
1,3-dichlorobenzene
1,4-dichlorobenzene
3,3-dichlorobenzidine
1,1-dichloroethylene
1,2-trans-dichloroethylene
2,4-dichlorophenol
1,2-dichloropropane
1,3-dichloropropylene
2,4-dimethylphenol
2,4-dinitrotoluene
2,6-dinitrotoluene
1,2-diphenylhydrazine
Ethylbenzene
Fluoranthene
4-chlorophenyl phenyl ether
4-bromophenyl phenyl ether
Bis (2-chloroisopropyl) ether
Bis (2-chloroethoxy) methane

✓ Methylene Chloride
Methyl Chloride
Methyl Bromide
Bromoform
Dichlorobromomethane
Chlorodibromomethane
Hexachlorobutadiene
Hexachlorocyclopentadiene
Isophorone
Naphthalene
Nitrobenzene
2-nitrophenol
4-nitrophenol
2,4-dinitrophenol
4,6-dinitro-o-cresol
N-nitrosodimethylamine
N-nitrosodiphenylamine
N-nitrosodi-n-propylamine
Pentachlorophenol
Phenol
Bis (2-ethylhexyl) phthalate
Butyl benzyl phthalate
Di-n-butyl phthalate
Di-n-octyl phthalate
Diethyl phthalate
Dimethyl phthalate
1,2-Benzanthracene
Benzo(a)pyrene
3,4-Benzofluoranthene
11,12-Benzofluoranthene
Chrysene
Acenaphthylene
Anthracene
1,12-Benzoperylene
Fluorene
Phenanthrene
1,2,5,6-Dibenzanthracene
Indeno(1,2,3-cd)pyrene
Pyrene
✓ Tetrachloroethylene
Toluene
Trichloroethylene
Vinyl Chloride

Aldrin
Dieldrin
Chlordane
4,4-DDT
4,4-DDE
4,4-DDD
Alpha-endosulfan
Beta-endosulfan
Endosulfan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
(BHC-Hexachlorocyclohexane)
Alpha-BHC
Beta-BHC
Gamma-BHC
Delta-BHC
(PCB-polychlorinated biphenyls)
PCB-1242 (Arochlor 1242)
PCB-1254 (Arochlor 1254)
PCB-1221 (Arochlor 1221)
PCB-1232 (Arochlor 1232)
PCB-1248 (Arochlor 1248)
PCB-1260 (Arochlor 1260)
PCB-1016 (Arochlor 1016)
Toxaphene
2,3,7,8-tetrachlorodibenzo-p-dioxin

PART 3 - MONITORING REQUIREMENTS

The industrial user shall monitor the designated sample point, for the following constituents, at the indicated frequency and by the indicated sample type.

A. Industrial Wastewater Permit W-179816**1. Sample Point 01**

MONITORING REQUIREMENTS		
Constituent	Measurement Frequency	Sample Type
Flow	-----	Report
Arsenic	once/2 mos.	Grab or Composite ⁴
Cadmium	once/2 mos.	Composite
Chromium (Total)	once/2 mos.	Composite
Copper	once/2 mos.	Composite
Lead	once/2 mos.	Composite
Nickel	once/2 mos.	Composite
Silver	once/2 mos.	Composite
Zinc	once/2 mos.	Composite
Cyanide (Total)	once/2 mos.	Grab
Cyanide (Free)	once/2 mos.	Grab
Total Toxic Organics ¹	once/2 mos.	Grab
Sulfides (Dissolved)	once/2 mos.	Grab
Chlorides ²	once/2 mos.	Grab or Composite
Oil and Grease	once/2 mos.	Grab
pH ³	once/2 mos.	Grab

B. Representative Monitoring and Sampling

1. Monitoring and sampling shall be carried out during a period of normal operations.
2. All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 CFR Part 136 and amendments thereto unless specified otherwise in the monitoring conditions of this permit. The handling, storage and analyses of all samples taken for the determination of the wastewater characteristics discharged shall be performed by laboratories certified by the State of California or approved by the Director of the Bureau of Sanitation.
3. The detection limits employed for wastewater analysis shall be lower than the permit limits established for a given parameter.
4. The industrial user is responsible for maintaining and cleaning the designated sample point(s) to prevent any build-up of oil and grease, sediment or sludge. Failure to do so does not invalidate sampling test results. Analytical results from samples taken from designated sample points according to accepted sampling procedure shall be accepted as binding.
5. Sample Points identified in the Industrial Wastewater Permit shall not be changed without notification and approval by the Director.

FOOTNOTES TO MONITORING REQUIREMENTS

¹ E/M Corporation shall analyze and report, at a minimum, those toxic organics listed below as identified by the Bureau of Sanitation to be reasonably expected in the wastestream.

E/M Corporation Reasonably Expected List of Total Toxic Organics Metal Finishing Category 40 CFR 433 and Electroplating Category 40 CFR 413
Constituent
1,1,1-Trichloroethane Chloroform

If any City sampling results show a TTO violation, the facility may be required to analyze for all 111 toxic organics, and the reasonably expected list will be reevaluated.

In lieu of monitoring for TTO and upon written request, the Bureau of Sanitation may allow the industrial user to satisfy the TTO requirement by submitting a toxic organic management plan (TOMP) for approval by the Bureau.

² The City of Los Angeles is establishing a database for chlorides.

³ The pH of the wastewater discharge to the sewer system shall be monitored and recorded continuously using a pH meter and recorder. A logbook for calibration of the pH meter shall be maintained. The pH charts shall be initialed daily by an operator at the facility.

⁴ The local limits for heavy metals can be compared to the results from grab sampling as well as composite sampling.

PART 4 - REPORTING REQUIREMENTS**A. Self-Monitoring**

1. Self-Monitoring reports shall be submitted in accordance with the following schedule:

SELF-MONITORING REPORT SCHEDULE			
Industrial Wastewater Permit	Type of Report	Monitoring Period	Report Due Date
W-179816 Sample Point 01	Periodic Compliance Report	Jan 1 - Feb 28	Mar 15
		Mar 1 - Apr 30	May 15
		May 1 - Jun 30	Jul 15
		Jul 1 - Aug 31	Sep 15
		Sep 1 - Oct 31	Nov 15
		Nov 1 - Dec 31	Jan 15

2. The industrial user shall implement a self-monitoring program for each identified Industrial Wastewater Permit. Monitoring results obtained shall be summarized and reported on the enclosed report form entitled "Periodic Compliance Report" and submitted with a US Post Office postmark date by the 15th day of the month following the monitoring period. Facsimiles (faxes) of self-monitoring reports shall not be accepted. Reports with original signatures must be submitted by the due date.

3. All portions of the Periodic Compliance Report form must be completed or the report may not be accepted.

4. The report shall indicate the nature and concentration of all pollutants in the effluent for which sampling and analyses were performed including measured or estimated maximum and average daily flows. The report shall be based upon data obtained through appropriate sampling and analyses performed which represents the conditions occurring during the period covered by the report.

5. Copies of all laboratory results shall be submitted with each report.

6. The Bureau of Sanitation will not accept reports where monitoring was conducted outside the monitoring period specified in this permit.

B. Self-Monitoring Report Submittal

All self-monitoring reports required by this permit shall be submitted to the Director at the following address:

City of Los Angeles
Bureau of Sanitation
Industrial Waste Management Division
4590 Colorado Boulevard
Los Angeles, CA 90039
Attn: Data Management Squad

C. Additional Monitoring

If the industrial user monitors any pollutant more frequently than required by this permit, using test procedures prescribed in 40 CFR 136 or amendments thereto or otherwise approved by EPA or specified in this permit, the results of such monitoring shall be reported in the compliance report and submitted to the Director.

D. Automatic Resampling

If the results of the industrial user's wastewater analysis indicate a violation has occurred, the industrial user must comply with the following:

1. Inform the Director of the violation within 24 hours by contacting the Bureau of Sanitation Industrial Waste Management Division SIU Inspection Group at (213) 485-5874; and
2. Repeat the sampling and pollutant analysis and submit, in writing, the results of this second analysis within 30 days after becoming aware of the violation.

E. Pre-notification of Monitoring and Sampling

The industrial user shall notify the SIU Inspection Group by telephone at (213) 485-5874 at least 48 hours in advance of any monitoring or sampling to be performed. Notification shall include the date, time and location of proposed monitoring or sampling. Monitoring and sampling shall be carried out during a period of normal operations. Prior to the commencement of any sampling or monitoring, the Director may request that the industrial user furnish to the Director a split sample and all supporting data (i.e., methodology, flow measuring data, strip chart recordings and other pertinent information). The Director reserves the right to refuse any data developed from the monitoring or sampling activity if the industrial user fails to comply with the pre-notification procedure or other requirements of sampling and analysis.

PART 5 - SPECIAL CONDITIONS

Not Applicable.

PART 6 - STANDARD CONDITIONS

A. Prohibitions

1. General Prohibitive Standards

The industrial user shall comply with all the general prohibitive discharge standards in the General Pretreatment Regulations, 40 CFR 403, and the L.A.M.C. Section 64.30. Except as expressly allowed in this Industrial Wastewater Permit, the industrial user shall not discharge wastewater to the POTW, the storm drain system or Waters of the State which contains any of the following:

- a) Gasoline, mercury, total identifiable chlorinated hydrocarbons, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides, solvents, pesticides or jet fuel;
- b) Petroleum oil, nonbiodegradable cutting oil or products of mineral oil origin in amounts that will cause interference or pass through.
- c) Liquids, solids or gases which by reason of their nature or quantity are flammable, reactive, explosive, corrosive or radioactive or by interaction with other materials could result in fire, explosion or injury. This includes, but is not limited to, wastestreams with a closed cup flash point of less than 140°F or 60°C using the test methods specified in 40 CFR 261.21.
- d) Solid or viscous materials which could cause obstruction to the flow or operation of the POTW or the storm drain system;
- e) Toxic pollutants in sufficient quantity to injure or interfere with any wastewater treatment process, to constitute a hazard or cause injury to human, animal, plant or fish life or to exceed any limitation set forth in this Section;
- f) Noxious or malodorous liquids, gases or solids in sufficient quantity, either singly or by interaction with other materials, to create a public nuisance, hazard to life or to prevent entry of any person to the POTW or storm drain system;
- g) Pollutants which result in the presence of toxic gases, vapors or fumes within the POTW in a quantity that may cause acute worker health and safety problems;
- h) Material of sufficient quantity to interfere with any POTW treatment plant process or to render any product thereof unsuitable for reclamation and reuse;
- i) Material of sufficient quantity to cause the POTW to be in noncompliance with sludge use or disposal criteria, guidelines or regulations in connection with Section 405 of the Act, the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, the Marine Protection, Research, and Sanctuaries Act or State criteria applicable to the sludge management method being used;
- j) Material which will cause the POTW to violate its NPDES Permit, applicable Federal and/or State statutes, rules or regulations;
- k) Pigment which is not removed in the treatment process;
- l) A heat content in such quantities that the temperature of the wastewater at the introduction into the POTW collection system exceeds 140°F or at the introduction into the POTW treatment plant exceeds 104°F. In no event shall any wastewater having a temperature in excess of 100°F be discharged to the storm system or to the Waters of the State;
- m) Pollutants, including oxygen demanding pollutants, released at a flow rate or pollutant concentration which will cause or contribute to interference;
- n) Storm water collected and discharged to the POTW;

- o) Single pass cooling water in excess of 200 gallons per day discharged to the POTW;
- p) Materials which constitute a hazard or causes injury to human, animal, plant or fish life or creates a public nuisance;
- q) Recognizable portions of the human or animal anatomy;
- r) Floatable material which is readily removable;
- s) More than 600.00 mg/l of total dispersed oil and grease;
- t) More than 0.10 mg/l of dissolved sulfides;
- u) A pH lower than 5.50 or higher than 11.00 or having any other corrosive property capable of causing damage or hazards to structures, equipment or personnel of the sewer system;
- v) Medical or infectious wastes;
- w) Radioactive wastes or isotopes;
- x) Garbage, food, market wastes or food plant wastes that have not been ground by household type or other suitable garbage grinders;
- y) Sharps; or
- z) Any trucked or hauled pollutants, except at discharge points designated by the City.

B. General Conditions

1. Severability

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

2. Duty to Comply

The industrial user must comply with the provisions of L.A.M.C. 64.30 and all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for administrative action or enforcement proceedings, including civil or criminal penalties, injunctive relief and summary abatements.

3. Duty to Mitigate

The industrial user shall take all reasonable steps to minimize or correct any adverse impact to the public treatment plant or the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

4. Modification or Revision of the Permit

This permit may be modified, revoked and reissued or terminated for good causes including, but not limited to, the following:

- a) The incorporation of any new or revised Federal, State or Local pretreatment standards or requirements;
- b) Material or substantial alterations or additions to the discharger's operational processes or discharge volume or character which were not covered in the effective permit;
- c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge;

- d) Information indicating that the permitted discharge poses a threat to the City of Los Angeles' collection and treatment systems, POTW personnel or the receiving waters;
- e) A violation of any terms or conditions of this permit;
- f) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
- g) A revision of or a grant of variance from such categorical standards pursuant to 40 CFR 403.13.
- h) A request of the industrial user, provided such request does not create a violation of any existing applicable requirements, standards, laws or rules and regulations; or
- i) A correction of typographical or other errors in the permit.

5. Property Rights

The issuance of this permit does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor does it authorize any violation of Federal, State or Local laws or regulations.

6. Limitation of Permit Transfer

An Industrial Wastewater Permit shall not be transferable by operation of law or otherwise, either from one location to another or from one person to another. Statutory mergers or name changes shall not constitute a transfer or a change in ownership.

7. Duty to Reapply

To continue an activity regulated by this permit after the expiration date, the industrial user must file an application for permit renewal at least 90 days before the expiration date of this permit.

8. Dilution

The industrial user shall not increase the use of potable or process water or, in any way, attempt to dilute an effluent as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit.

9. Compliance with Applicable Pretreatment Standards and Requirements

The industrial user shall comply at all times with any and all applicable Local, State and Federal pretreatment standards and requirements including any such standards or requirements that may become effective during the term of this permit. In addition, the industrial user may be required to prepare a pollution prevention plan.

10. Confidentiality

- a) Any information, except for discharge and effluent data, submitted to the City pursuant to this Section may be claimed by the discharger to be confidential. Any such claim must be asserted at the time of submission of the information or data to the City. The claim may be asserted by stamping the words "Confidential Business Information" on each page containing such information or by other means; however, if no claim is asserted at the time of submission, the City may make the information available to the public without further notice. If such a claim is asserted, the information will be treated in accordance with the procedures set forth in 40 CFR Part 2 (Public Information).
- b) Information and data provided to the City which is effluent data shall be available to the public without restriction.

C. **Operation and Maintenance of Pollution Controls**

1. Proper Operation and Maintenance

The industrial user shall at all times properly operate and maintain all facilities and systems for treatment and control (and related appurtenances) which are installed or used by the industrial user to achieve compliance with the conditions of this permit. Proper operation and maintenance includes but is not limited to effective performance, adequate funding, adequate operator staffing and training and adequate laboratory and process controls including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.

2. Duty to Halt or Reduce Activity

Upon reduction of efficiency of operation or loss or failure of all or part of the pretreatment facility, the industrial user shall, to the extent necessary to maintain compliance with its permit, control its production or discharge (or both) until operation of the pretreatment facility is restored or an alternative method of pretreatment is provided. This requirement applies, for example, when the primary source of power of the pretreatment facility fails or is reduced. It shall not be a defense for a industrial user in an enforcement action to state that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

3. Removed Substances

Solids, sludge, filter backwash or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in accordance with section 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act.

4. Bypass of Treatment Facilities

- a) Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternatives exist.
- b) The industrial user may allow bypass to occur which does not cause effluent limitations to be exceeded, but only if it is also for essential maintenance to assure efficient operation.
- c) Notification of bypass:
 - (1) Anticipated bypass. If the industrial user knows in advance of the need for a bypass, written notice shall be submitted to the Director at least ten days prior to the anticipated date of bypass.
 - (2) Unanticipated bypass. The industrial user shall provide oral notice of an unanticipated bypass that exceeds applicable Pretreatment Standards to the Director at (213) 485-5886 within 24 hours from the time the industrial user becomes aware of the bypass. A written notice shall also be provided within 5 days of the time the industrial user becomes aware of the bypass. The written notice shall contain the following:
 - (i) A description of the bypass including its cause and duration;
 - (ii) Whether the bypass has been corrected; and
 - (iii) The steps taken or to be taken to reduce, eliminate and prevent reoccurrence of bypassing.

D. Monitoring and Records

1. Flow Measurements

If flow measurement is required by this permit, the appropriate flow measurement devices and methods consistent with approved scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharge. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 5 percent from true discharge rates throughout the range of expected discharge volumes.

2. Inspection and Entry

The industrial user shall allow the Director or an authorized representative, upon the presentation of credentials and other documents, entry to and inspection of the premises. The applicant, by accepting any permit issued pursuant to L.A.M.C. Section 64.30, does hereby consent and agree to the entry upon the premises, described in the permit, by Department personnel for the following purposes as required by this permit or L.A.M.C. Section 64.30 or other applicable laws. The City shall be afforded access at all reasonable times:

- a) for the purposes of inspection, sampling, flow measurement, examination of records in the performance of other authorized duties;
- b) to set up on the discharger's property such devices as are necessary to conduct sampling inspections, compliance monitoring, flow measuring or metering operations;
- c) to inspect and copy any records, reports, test results or other information required to carry out the provisions of L.A.M.C. Section 64.30, the industrial wastewater permit, or other applicable laws; and
- d) to photograph any waste, waste container, vehicle, waste treatment process, discharge location, or violation discovered during an inspection.

The applicant, by accepting any permit issued, does hereby consent and agree to entry upon the premises as described herein. Any person violating this authority shall be guilty of a misdemeanor.

3. Retention of Records

- a) The industrial user shall retain records of all monitoring information, including all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application. This period may be extended by request of the City of Los Angeles at any time.
- b) All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the City of Los Angeles shall be retained and preserved by the industrial user until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

4. Record Contents

Records of sampling and analyses shall include the following:

- a) the date, exact place, time and methods of sampling or measurement, and sample preservation techniques or procedures;
- b) Who performed the sampling or measurements;
- c) The date(s) analyses were performed;
- d) Who performed the analyses;

- e) The analytical techniques or methods used; and
- f) The results of such analyses.

5. Falsifying Information

No person shall knowingly make any false statement, representation or certification in any application, record, report, plan or other document filed with the City of Los Angeles. In addition, no person shall tamper with or knowingly render inaccurate any monitoring device required under this permit.

The reports and other documents required to be submitted or maintained under this Industrial Wastewater Permit shall be subject to:

- (a) The provisions of 18 U.S.C. Section 1001 relating to fraud and false statements;
- (b) The provisions of Section 309 (c) (4) of the Clean Water Act (CWA), as amended, governing false statements, representation or certification; and
- (c) The provisions of Section 309 (c) (6) of the Clean Water Act (CWA), as amended, regarding responsible corporate officers.

E. **Additional Reporting Requirements**

1. Planned Changes

The industrial user shall give notice to the Director 90 days prior to any facility expansion, production increase or process modifications which result in new or substantially increased discharge or a change in the nature of pollutants in the discharge, including the listed or characteristic hazardous wastes for which the industrial user had submitted initial notification under 40 CFR 403.12(p). The City may require that a new application be filed and a new permit obtained before any planned changes take place.

2. Duty to Provide Information

The industrial user shall furnish to the Director any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing or terminating this permit. The industrial user shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

3. Slug/Accidental Discharge Notification

The industrial user shall notify the Director immediately or within one hour upon the occurrence of an accidental discharge of substances prohibited by L.A.M.C. Section 64.30 or any slug loads or spills that may enter the public sewer. The Director shall be notified by telephone at (213) 485-5886. The notification shall include location of discharge, date and time thereof, type of waste, including concentration and volume, and corrective action taken. The industrial user's notification of accidental cases in accordance with this section does not relieve it of other reporting requirements that arise under Local, State or Federal laws.

Within five (5) days following an accidental discharge, the industrial user shall submit to the Director a detailed written report. The report shall contain the following:

- a. A description and cause of the slug or accidental discharge, the cause(s) thereof and the impact on the industrial user's compliance status. The description should also include the location of discharge and the type, concentration and volume of waste.
- b. The duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur.
- c. All steps taken or to be taken to reduce, eliminate and prevent recurrence of such a slug discharge, accidental discharge or any other conditions of noncompliance.

4. Operating Upsets

Any industrial user that experiences an upset in operations that places the industrial user in a temporary state of noncompliance with the provisions of either this permit or with L.A.M.C. Section 64.30 shall inform the Director within 24 hours of becoming aware of the upset at (213) 485-5886.

A written follow-up report of the upset shall be filed by the industrial user with the Director within five (5) days. The report shall contain the following information:

- a) A description of the upset, the cause(s) thereof and the upset's impact on the industrial user's compliance status;
- b) The duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur; and
- c) All steps taken or to be taken to reduce, eliminate and prevent recurrence of such an upset or other conditions of noncompliance.

The report must also demonstrate that the treatment facility was being operated in a prudent and workmanlike manner.

A documented and verified operating upset shall be an affirmative defense to any enforcement action brought against the industrial user for violations attributable to the upset event.

5. Slug Discharge Control Plan

Upon request by the Bureau of Sanitation, the industrial user is required to submit a Slug Discharge Control Plan to address how the industrial user will respond to spills, bypass, and any accidental discharges that could violate any permit limits or conditions or impact the City sewer system. The plan shall contain detailed procedures to be followed by the industrial user in the event a slug discharge occurs. The Slug Discharge Control Plan must contain, at a minimum, the following:

- a) Description of sewer discharge practices, including nonroutine batch discharges;
- b) Description of stored chemicals including type and characteristic, volume, and chemical hazard classification;
- c) Procedures for promptly notifying the City of slug discharges, including any discharges that would violate a prohibition under 40 CFR 408.5(b), with procedures for follow-up written notification within five days;
- d) Any necessary procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operation, control of plant site run-off and worker training;
- e) Any necessary measures for building any containment structures or equipment; and/or
- f) Any necessary measures for controlling toxic organics (including solvents);
- g) Procedures and equipment for emergency response.

6. Notification of Hazardous Waste Discharged into POTW

Industrial users not exempt from the requirements under 40 CFR 403.12(p) shall notify the City of Los Angeles, Bureau of Sanitation; the EPA Region 9, Hazardous Waste Management Division; and the California Environmental Protection Agency, Department of Toxic Substances Control in writing of any discharge into the City of Los Angeles sewer system of a substance, which, if otherwise disposed of, would be a hazardous waste under 40 CFR part 261. The written notification shall be submitted to the City of Los Angeles Bureau of Sanitation, the EPA Region 9 and the California Environmental Protection Agency.

7. Signatory Requirements

All applications, reports or information submitted to the Director must contain the following certification statement and be signed as required in Sections a), b), c), or d) below:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

- a) By a responsible corporate officer if the industrial user submitting the reports is a corporation. For the purpose of this paragraph, a responsible corporate officer means the following:
 - (i) A president, secretary, treasurer or vice-president of the corporation in charge of a principal business function or any other person who performs similar policy or decision making functions for the corporation; or
 - (ii) The manager of one or more manufacturing, production or operation facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars) if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- b) By a general partner or proprietor if the industrial user submitting the reports is a partnership or sole proprietorship respectively.
- c) By a duly authorized representative of the individual designated in paragraph a) or b) of this section if:
 - (i) The authorization is made in writing by the individual described in paragraph a) or b);
 - (ii) The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the industrial discharge originates, such as the position of plant manager, operator of a well, or a well field superintendent, or a position of equivalent responsibility, or a position having overall responsibility for environmental matters for the company; and
 - (iii) The written authorization is submitted to the City.
- d) If an authorization under paragraph c) of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for the environmental matters of the company, a new authorization satisfying the requirements of paragraph c) of this section must be submitted to the City prior to or together with any reports to be signed by an authorized representative.

8. Annual Publication

A list of all industries which were in significant noncompliance of applicable federal pretreatment standards or other pretreatment requirements during the twelve (12) previous months shall be annually published by the Director in the largest daily newspaper within its service area. Accordingly, the industrial user is apprised that noncompliance with this permit may lead to an enforcement action and may result in publication of its name in an appropriate newspaper. For purposes of this provision, significant noncompliance is defined under 40 CFR 403.8 (f)(2)(vii).

9. Civil and Criminal Liability

Nothing in this permit shall be construed to relieve the industrial user from civil and/or criminal penalties for noncompliance under L.A.M.C. Section 64.30 or State or Federal laws and regulations.

10. Penalties for Violations of Permit Conditions

The L.A.M.C. Section 64.30 provides that any person who violates a permit condition is subject to a civil penalty in the maximum sum provided by law for each day in which such violation occurs. Any person who willfully or negligently violates permit conditions is subject to criminal penalties of up to \$1000.00 per violation per day and/or by imprisonment in the County Jail for a period of not more than six (6) months. The industrial user may also be subject to sanctions under State and/or Federal law.

11. Liability For Costs Incurred From Unlawful Discharge

Whenever any industrial user introduces or causes to be introduced wastewater in violation of this permit or the L.A.M.C. and such discharge, either singly or by interaction with other discharges, results in damage to or is otherwise detrimental to or adversely affects the P.O.T.W., the storm drain system, or any Waters of the State, said industrial user shall be liable to the City for reasonable costs necessary to correct that discharge, detriment or adverse effect, including, but not limited to labor, material, inspection, transportation, overhead, and incidental expenses associated with the corrective action. The industrial user shall additionally be liable to the City for the reasonable costs of investigation by the City arising from the unlawful discharge.

12. Resource Conservation Recovery Act Notification and California Hazardous Waste Control Law

It is the responsibility of all industrial facilities to ensure that the operations performed at their site comply with federal hazardous waste management regulations under subtitles C & D of the Resource Conservation and Recovery Act (RCRA) and California hazardous waste management regulations under the Hazardous Waste Control Law (Chap. 6.5, HSC, Sec. 25100 et. seq.) and California Code of Regulations (CCR), Titles 8 and 22. For information on federal and state hazardous waste regulations, contact the California Environmental Protection Agency, Department of Toxic Substances Control, Region III at (818) 531-2800.

F. Definitions

1. Bi-Monthly - Once every other month.
2. Bypass - The intentional diversion of wastes from any portion of an Industrial User's treatment facility.
3. Categorical Pretreatment Standards - Limitations on pollutant discharges to POTWs, promulgated by EPA in accordance with Section 307 of the Clean Water Act, that apply to specified process wastewaters of particular industrial categories.
4. Composite Sample - A sample that is collected over time, formed either by continuous sampling or by mixing discrete samples. The sample may be composited either as a flow proportional composite sample (collected either as a constant sample volume at time intervals proportional to stream flow or collected by increasing the volume of each aliquot as the flow increases while maintaining a constant time interval between the aliquot) or as a time composite sample (composed of discrete sample aliquot collected in one container at constant time intervals providing representative samples irrespective of stream flow).
5. Cooling Water
 - a) Uncontaminated - Water used only for cooling purposes which has no direct contact with any raw material, intermediate or final product and which does not contain a level of contaminants detectably higher than that of the intake water.
 - b) Contaminated - Water used only for cooling purposes which may become contaminated either through the use of water treatment chemicals used for corrosion inhibitors or biocides or by direct contact with process materials and/or wastewater.
6. Daily Maximum - The maximum allowable discharge of a pollutant during a calendar day. Where daily maximum limitations are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where daily maximum limitations are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant concentration derived from all measurements taken that day.
7. Director - The Director of the Bureau of Sanitation of the Department of Public Works of the City of Los Angeles or the duly authorized representative thereof.
8. Establishment - An economic unit, generally at a single physical location, where business is conducted or where services or industrial operations are performed.
9. Facility - All buildings, equipment, structures, and other stationary items which are located on a single site or on contiguous or adjacent sites and which are owned or operated by the same person (or by any person which controls, is controlled by, or under common control with such person) and is authorized by the City of Los Angeles to discharge industrial wastewater to the POTW. A facility may contain more than one establishment.
10. Four (4) - Day Average - The maximum allowable value for the average of 4 consecutive sampling days.
11. Grab Sample - An individual sample collected in less than 15 minutes, without regard for flow or time.
12. Industrial User - See definition for facility
13. Industrial Wastewater (Industrial Waste) - Any water bearing waste excluding domestic wastewater.
14. Instantaneous Maximum - The allowable maximum concentration determined from the analysis of any discrete or composited sample collected, independent of the industrial flow rate and the duration of the sampling event.
15. Interference - A discharge which alone or in conjunction with a discharge or discharges from other sources both:

- a) Inhibits or disrupts the POTW, its treatment processes or operations or its sludge processes, use or disposal; and
- b) Causes a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or prevents the use of disposal of sewage sludge. The following statutory provisions and regulations or permits issued thereunder apply (or more stringent State or Local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including Title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA) and including State regulations contained in any State sludge management plan prepared pursuant to Subtitle D of the SWDA); the Clean Air Act, the Toxic Substances Control Act and the Marine Protection, Research and Sanctuaries Act.
16. Monthly Average - The maximum allowable value for the average of all observations obtained during one calendar month. Compliance with the monthly average discharge limit is required regardless of the number of samples analyzed and averaged. Therefore, if only one sample is taken during the calendar month, results of the one analysis will be used to determine compliance with the monthly average.
17. Pass Through - A discharge which exits the POTW into waters of the United States in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, cause a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation).
18. Publicly Owned Treatment Works (POTW) - A treatment works as defined by Section 212 of the Clean Water Act which is owned by the State or municipality. This definition includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature. It also includes sewers, pipes and other conveyances only if they convey wastewater to a POTW treatment plant.
19. Resource Conservation and Recovery Act (RCRA) - A Federal statute regulating the management of hazardous waste from its generation through ultimate disposal. The Act contains requirements for waste generators, transporters and owners and operators of treatment, storage and disposal facilities.
20. Slug Discharge - Any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge.
21. Total Toxic Organics (TTO) - The sum of the masses or concentrations greater than 0.01 mg/l of the specific toxic organic compounds regulated by specific categorical pretreatment regulations which is found in the discharge at specific quantifiable concentrations.
22. Upset - An exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the industrial user, excluding such factors as operational error, improperly designed or inadequate treatment facilities or improper operation and maintenance or lack thereof.

APPENDIX A

FACT SHEET

FACT SHEET
RENEWAL DATE: 4/30/96

A. INDUSTRIAL USER INFORMATION

E/M Corporation
6940 Farmdale Avenue
North Hollywood, CA 91605

IU000097
W-179816

Derek Needham, Western Operations Manager
(818) 983-1952

B. DESCRIPTION OF FACILITY OPERATIONS

E/M Corporation performs the following activities:

1. Anodizing of aluminum and titanium metal parts - includes both hot and cold sulfuric acid anodizing operations.
2. Chemical coating of metal parts - includes passivating, phosphating and black oxide coating.
3. Chemical etching
4. Alkaline cleaning
5. Sand blasting
6. Solid film lubricant manufacturing and application
7. Powder coating

The metal parts that undergo metal finishing are valves, bearings and fittings made of steel, stainless steel, aluminum or titanium (SIC 3471 & 3479).

Anodizing is performed in a separate area while all the chemical coating operations are performed in the main process area. The anodizing operation was started in 1987.

Rinses follow each unit process. There are three static rinses in the anodizing area, following nickel acetate and sodium dichromate seal tanks. All the other rinses in this area are running rinses. Except one static rinse tank following the passivation process, all rinses in the process area are running rinses.

E/M Corporation has 76 employees and started operations at this facility in 1959. The facility operates five days a week from 8:00 A.M. to 5:00 P.M.

C. SAMPLE POINT DESCRIPTION/FACILITY FLOW INFORMATION

INDUSTRIAL WASTEWATER PERMIT	SAMPLE POINT	FLOW PER OPERATIONAL DAY (GPD)		DESCRIPTION
		TOTAL	PROCESS	
W-179816	01	7,815	7,735	Secured Sampling Facility located at tank #5 of the below-grade clarifier system.
TOTAL		7,815	7,735	----

D. PROCESS UNIT OPERATION/FLOW INFORMATION

Process wastewater is generated from the running rinses that follow anodizing, chemical etching, alkaline cleaning, phosphating, and black oxide coating. There is no wastewater discharge from the passivating and sealing operations. The average wastewater flow from the main process area is estimated to be 3,000 gallons per day and the flow from the anodizing area is estimated to be 4,735 gallons per day. The total average process wastewater flow from this facility is 7,735 gallons per day, based on five operational days per week.

Lubricant manufacturing and application, powder coating, sand blasting are dry operations. There is no process wastewater discharge from these operations.

PERMIT NUMBER	SAMPLE POINT	PROCESS UNIT OPERATION CODE	PROCESS DESCRIPTION
W-179816	01	003	Anodizing
	01	004	Coating
	01	005	Etching
	01	007	Cleaning
	01	022	Sand Blasting

E. DILUTION/AUXILIARY OPERATION/FLOW INFORMATION

Bleed-off from a cooling tower used for the vapor degreaser is discharged to the wastewater collection sump in the anodizing area. This flow is estimated to be 20 gallons per day.

Deionization backwash from the water softener is discharged to the sump in the anodizing area. The average flow is approximately 10 gallons per day.

Wastewater is also generated from boiler blowdown and is discharged to the sump in the anodizing area. The average discharge flow is 50 gallons per day.

The total dilution flow to Sample Point 01 is 80 gallons per day.

F. FLOW MEASURING DEVICE

E/M Corporation is not required to install a flow measuring device.

G. PRETREATMENT UNIT OPERATIONS

Process wastewater is discharged to two collection sumps located in the anodizing and process areas. The wastewater is then pumped through overhead hard pipes to the pretreatment system.

The combined wastewater from the anodizing and main process areas discharges into an above-ground chromium reduction tank where hexavalent chrome is reduced to trivalent chrome using sodium meta-bisulfite. Addition of sodium meta-bisulfite is controlled by an ORP meter. The wastewater then flows into a below-grade settling tank and then into an air-sparged pH adjustment tank (tank #1). The pH is adjusted using a caustic solution and is controlled by a metering pump. Following neutralization, the wastewater flows into tank #2 which has an automatic pH monitoring and warning device which shuts off wastewater flow if the pH is out of range. From tank #2, the wastewater flows into tank #3 where a flocculent and an anionic additive are added. The wastewater then flows to a settling tank (tank #4). From this tank, the wastewater is pumped into a lamella inclined-plate clarifier for pre-settling and controlling the wastewater going to the filter press. The wastewater, together with the sludge, flows to the filter press where the dewatered sludge is removed and stored for off-site disposal while the filtrate is pumped to tank #5, which is the final discharge point to the city sewer. Final wastewater pH is monitored by a pH meter with a flow chart recorder at Sample Point 01.

The facility has no established toxic organic management plan (TOMP).

INDUSTRIAL WASTEWATER PERMIT W-179816

PRETREATMENT UNIT OPERATION CODE	PRETREATMENT UNIT OPERATION DESCRIPTION
CL0050	Clarification
HE0010	Hexavalent Chromium Reduction
NE0010	Neutralization
SG0040	Sludge Dewatering - Filter Press

H. DISCHARGE LIMITATIONS

See permit, PART 2 - DISCHARGE LIMITATIONS.

I. MONITORING REQUIREMENTS

See permit, PART 3 - MONITORING REQUIREMENTS.

J. REPORTING REQUIREMENTS

See permit, PART 4 - REPORTING REQUIREMENTS.

K. SPECIAL CONDITIONS

See permit, PART 5 - SPECIAL CONDITIONS.

L. STANDARD CONDITIONS

See permit, PART 6 - STANDARD CONDITIONS.

M. RATIONALE FOR EFFLUENT LIMITATIONS

E/M Corporation started operations in 1959 and performs coating, chemical etching and anodizing, three of the six core operations covered by the Electroplating/Metal Finishing categories. The company does not own any of the material that undergo metal finishing. Job shops are defined as those facilities that own no more than 50% of the materials undergoing metal finishing. Therefore, E/M Corporation qualifies as a job shop electroplater.

Existing sources are those that started operations prior to the August 31, 1982 publication date of the proposed rule for metal finishers. Therefore, the processing lines that started operation in 1959 are subject to Federal Categorical Pretreatment Standards set forth in 40 CFR 413 Subparts E and F -PSES (Coating and Chemical Etching and Milling). The anodizing line started operation in 1987. As a result, the anodizing process qualifies as a new source subject to the pretreatment standards for new sources (PSNS) of the Metal Finishing category set forth in 40 CFR 433.17.

Additionally, electroplating regulations set standards that are less stringent for dischargers of less than 10,000 gallons per day than for larger dischargers of more than 10,000 gallons per day. E/M Corporation's existing source average daily discharge is 3,000 gallons per day. Therefore, the Federal pretreatment standards for E/M Corporation with respect to existing sources are based on the limits set forth in 40 CFR 413.54 and 413.64, covering facilities discharging less than 10,000 gallons per day of process wastewater. The new source daily discharge from the anodizing area is estimated to be 4,735 gallons per day. The Federal pretreatment standards for E/M Corporation with respect to new sources are based on the limits set forth in 40 CFR 433.17.

Two sets of limits apply to the discharges from this facility to the sewer system of the City of Los Angeles: concentration-based Federal Categorical Pretreatment Standards, and Local discharge limits.

Sample Point 01 is located at the end of the regulated process; thus Federal Categorical Pretreatment Standards apply at this point. However, the Federal Categorical Pretreatment Standards must be adjusted for the combined flow of the new and existing sources using the combined wastestream formula (CWF). For the integrated facilities, where the electroplating wastestream is subject to 4-day average standards and combine with the regulated wastestreams subject to monthly average standards, the corresponding equivalent monthly standards for the electroplating wastewater must be used. Therefore, the existing source 4-day average standards shall be converted to the monthly average standards based on the conversion table listed in 40 CFR 413.04. Further, there are dilution wastestreams joining with the process wastestream prior to the Sample Point 01. As a result, the Categorical limits must be adjusted to account for dilution of the process wastewater. Sample Point 01 is also the last point of discharge to the sewer system. Therefore, it also qualifies as an end-of-pipe location and the local limits apply at this point. Consequently, E/M Corporation must simultaneously comply with both the adjusted Federal Categorical Pretreatment Standards and Local discharge standards at Sample Point 01.

Sample Point 01 is located at the end of the process regulated under 40 CFR 413 (Existing Sources). Therefore, the cyanide (free) limit applies at this point.

Federal requirements for 40 CFR 433 require that sampling for cyanide (total) be conducted at the end of cyanide treatment and before mixing with other wastestreams. E/M Corporation does not use cyanide; thus, E/M Corporation does not have a cyanide destruction system. According to the EPA, if the facility does not use or generate cyanide, the sampling for cyanide (total) can be conducted at the end of treatment without adjustment. As a result, self-monitoring for total cyanide must be conducted at Sample Point 01.

The lubricant manufacturing operations performed at this facility does not subject them to the Lube Subcategory of the Petroleum Refining Category (40 CFR 419); since E/M Lubricants does not perform any operation other than blending of chemicals at room temperature.

According to the EPA, facilities subject to 40 CFR 413 Electroplating and 40 CFR 433 Metal Finishing regulations must analyze for reasonably expected toxic organics. The Bureau has evaluated E/M Corporation's wastestreams and has determined that the following are the reasonably expected toxic organics; 1,1,1-Trichloroethane and Methylene Chloride. These reasonably expected toxic organics were based on eleven City (8/2/93, 11/9/93, 2/8/94, 6/6/94, 8/30/94, 11/15/94, 2/28/95, 6/15/95, 9/13/95, 12/5/95, 3/5/96) and thirteen SMR (6/9/93, 10/7/93, 8/12/93, 12/9/93, 2/3/94, 4/8/94, 6/13/94, 8/1/94, 10/3/94, 12/6/94, 2/20/95, 4/10/95, 6/5/95) sampling episodes.

In addition to a review of SMR and POTW sampling data, a site inspection for toxic organics was also conducted at the facility. This inspection included identifying processes contributing toxic organics to the discharge; review of Material Safety Data Sheets, E/M Corporation's business plan and hazardous waste manifests; documentation of methods of toxic organic disposal and updating of flow diagrams to identify locations where toxic organics enter the wastestream.

The reasonably expected list includes any toxic organics with frequent appearances above 10 ppb, any toxic organics used, stored, or generated by the facility, and any toxic organics with extremely high concentrations reported over the past three years.

N. EXAMPLE CALCULATIONS

The federal categorical standard for cadmium is adjusted using the combined wastestream formula (CWF). The steps used to compute the daily maximum are as follows:

Step 1: The CWF from 40 CFR 403.6

$$C_t = \frac{\sum_{i=1}^N C_i F_i}{\sum_{i=1}^N F_i} \times \frac{(F_t - F_d)}{F_t}$$

C_t - Alternative concentration limit for the pollutant

C_i - Categorical pretreatment standard concentration limit for the pollutant in regulated stream i

F_i - Average (at least 30 day average) daily flow of regulated stream i

F_d - Average daily flow (at least 30 day average) of dilute wastestream(s)

F_t - Average daily flow (at least 30 day average) through the combined treatment facility, including regulated, unregulated, and dilute wastestreams.

N - Total number of regulated streams

Step 2: Calculation of the Daily Maximum for cadmium

$$C_t = \frac{\sum_{i=1}^N C_i F_i}{\sum_{i=1}^N F_i} \times \frac{(F_t - F_d)}{F_t}$$

- C_t - Alternative concentration limit for the pollutant
 C_1 - 1.20 mg/l (40 CFR 413)
 C_2 - 0.11 mg/l (40 CFR 433)
 F_1 - 3,000 gpd (flow from existing source)
 F_2 - 4,735 gpd (flow from new source)
 F_d - 80 (dilution flow)
 F_t - 7,815 gpd (total flow)
 N - Total number of regulated streams

$$C_t = \frac{[(0.11)(4,735) + (1.20)(3,000)]}{7,735} \times \frac{[7,815 - 80]}{7,815} = 0.53 \text{ mg/l}$$

Prepared By:

Brian Horn

Date:

4/30/96

Reviewed By:

Donnie Ayres

Date:

4-30-96

IU000097.FST/BS

APPENDIX B

ATTACHMENTS

SITE PLAN



E/M CORPORATION
6940 FARMDALE AVE.
NORTH HOLLYWOOD, CA 91605

LATITUDE 34°11'
LONGITUDE 118°22'
ELEVATION 710'

2" MAIN WATER
SUPPLY
PROPERTY
LINE
6" WASTE WATER
LINE (above ground)

WATER METERS
SCALE 1"=22 FT.

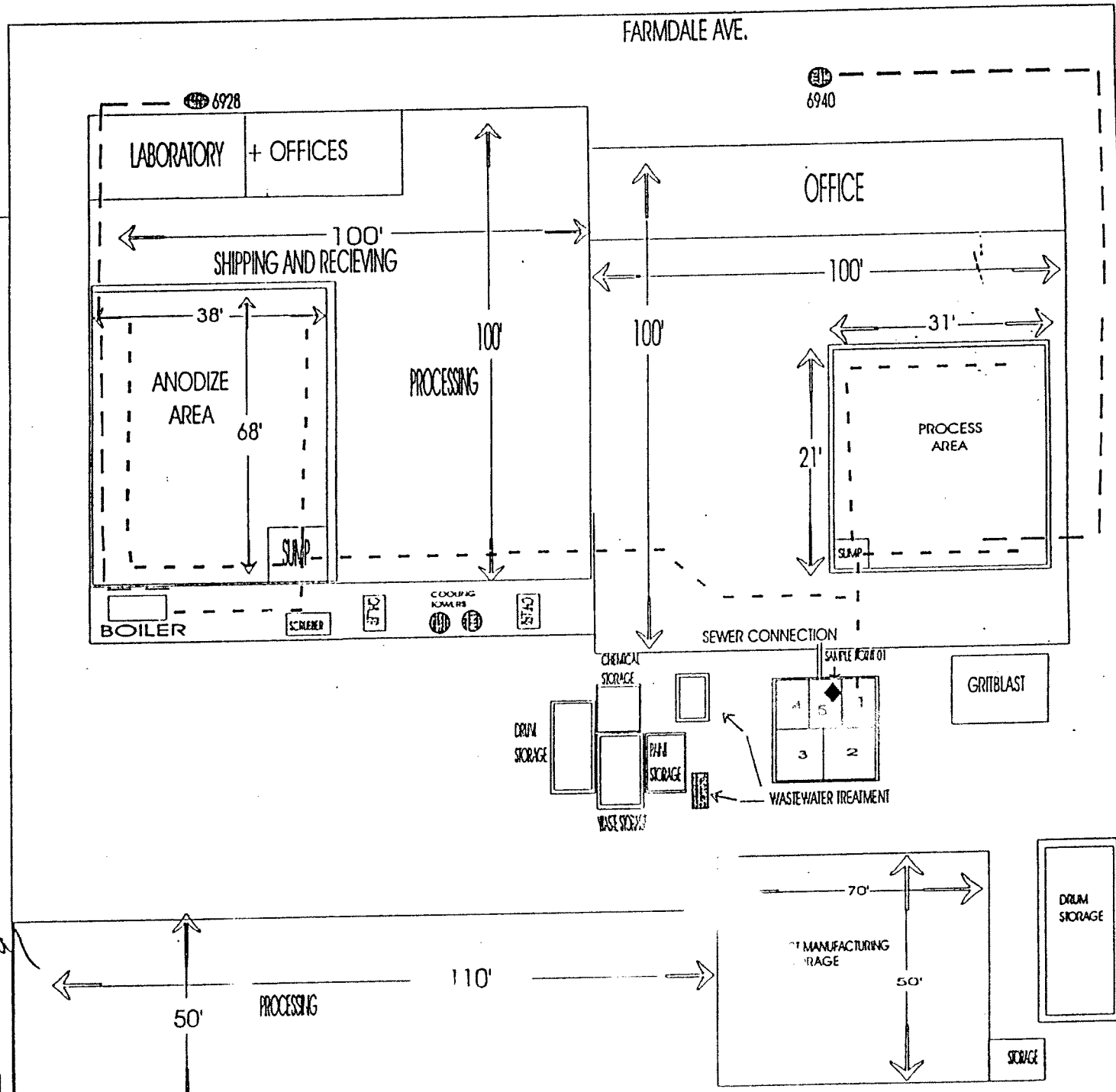
DRAWN BY: *[Signature]*
ISMAEL PEDROZA

DATE: 1/25/96

APPROVED BY: *[Signature]*
DEREK NEEDHAM

DATE: 1/25/96

DRAWING NO. 1



HART ST.

IN Name: CEMCO
IN No.: 1000097 Permit No.: W-179816

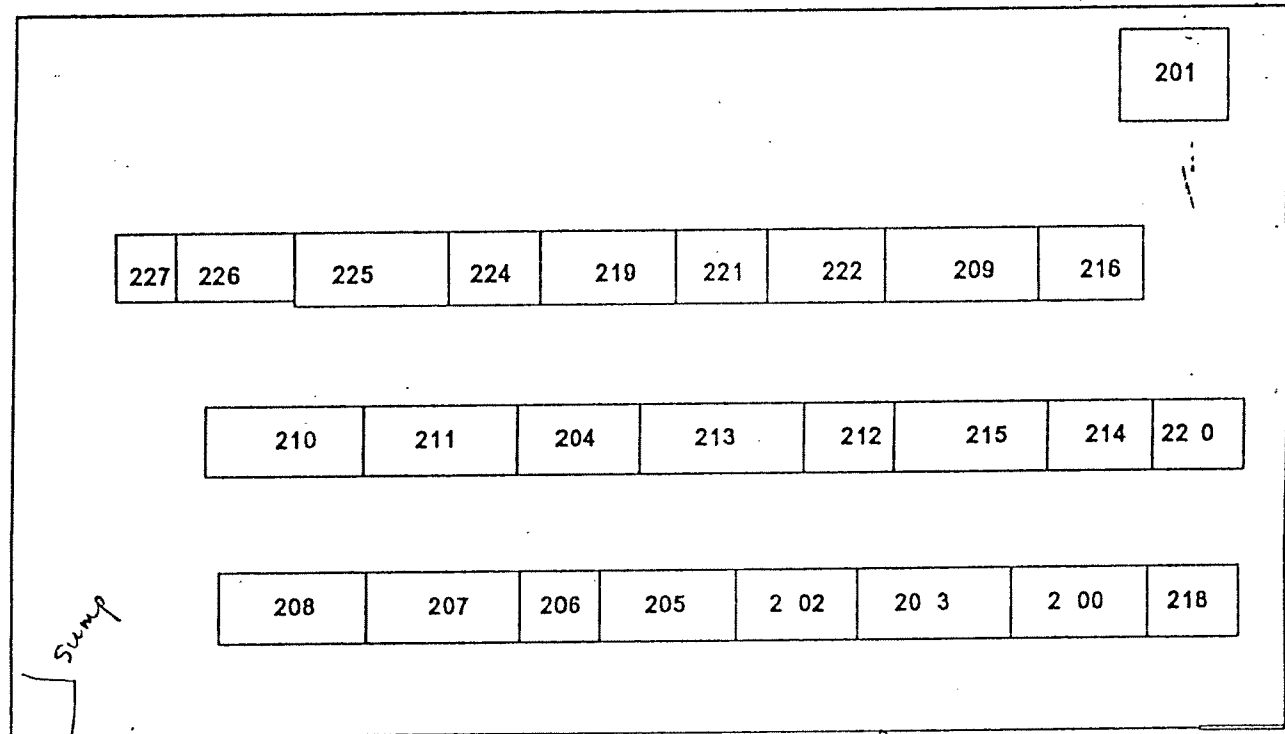
ANODIZE LINE - CHEMICAL TANKS LAYOUT



E/M CORPORATION
6940 FARMDALE AVE.
NORTH HOLLYWOOD, CA 91605

TANK # AND DESCRIPTION

- 200. Aldet 1 Alkaline Cleaner
- 201. Hot Air Dryer
- 202. Aluminux 1000 Etch
- 203. Rinse Tank (Aldet 1)
- 204. Diversey 580 Deoxidizer
- 205. Rinse Tank (Aluminux 1000)
- 206. Diversey 61/62M Deoxidizer
- 207. Rinse Tank (Anodize/61/62M)
- 208. Anodize TY II
- 209. Rinse Tank (Sodium Dichromate)
- 210. Anodize TY III
- 211. New TY III Anodize
- 212. Black Dye
- 213. Rinse Tank (Diversey 560)
- 214. Nickel Acetate Seal
- 215. Rinse Tank (Black Dye)
- 216. Sodium Dichromate Seal
- 218. D.I. Water
- 219. Rinse Tank
- 220. Rinse Tank (Nickel Acetate)
- 221. Rinse Tank (Alodine 1200)
- 222. Alodine 1200 - Chem Film
- 224. Titanium Anodize - TI-Cote
- 225. Rinse Tank (TI - Cote)
- 226. Annro 103
- 227. Hot Water Rinse (Annro 103)



DRAWN BY:

ISMAEL PEDROZA

APPROVED BY:

DEREK NEEDHAM

DATE: 1/26/96

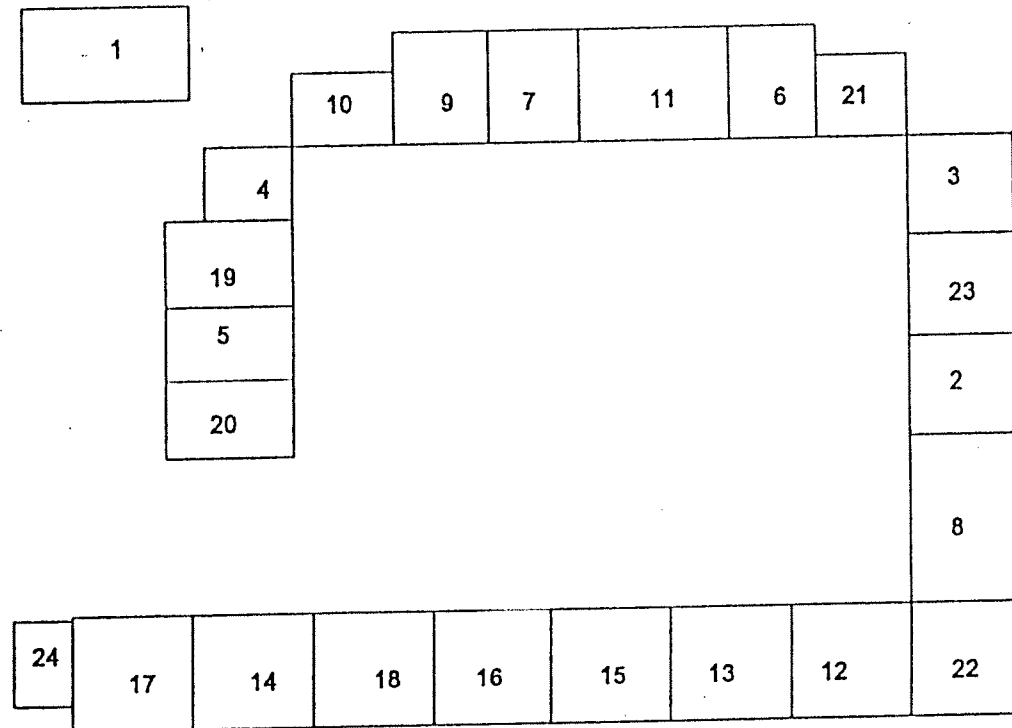
DATE: 1/26/96

DRAWING NO.3

U Name: E/M Corporation
U No.: U000007 Permit No.: W-179816

PROCESS LINE - CHEMICAL TANKS LAYOUT

1. VAPOR DEREASER 1.1.1. TRICHLOR.
3. Oakite 90
4. Clepox 125 Black Oxide
5. Rinse Tank(Passiv. Ty II)
6. Nitric /Hydrofluoric Acid Etch
7. Fluoride Phosphate
8. Turco 4215 Alkaline Cleaner
9. Deionized Water(Hot Rinse)
10. Rinse Tank (Fluoride Phosphate)
11. Rinse Tank (Nitric/HF Etch)
12. Rinse Tank (Turco 4215)
13. Parco Lubrite 2 (Mag Phos.)
14. Parcolene 1 (Chromic Acid Rinse)
15. Rinse Tank (Parco Lubrite 2)
16. Bronderlite 32 (Zinc Phosphate)
17. Hot Air Dryer
18. Rinse Tank (Bonderlite 32)
19. Sodium Dichromate Seal
20. Passivation Ty II
21. Passivation Ty VI, VIII
22. Parcolene M(Grain Refiner)
23. Rinse Tank (Oakite 90)
24. Cuastlic soda - Stripper



DRAWN BY:

APPROVED BY:

DATE: 1/26/96

DRAWING NO.4

IU Name: E/M Corporation
 IU No.: IU000697 Permit No.: W-179816

<u>Tank no.</u>	<u>Contents</u>	<u>Temps.</u>	<u>Size</u>	<u>Capacity</u>
1	Vapor Degreaser-1,1,1	175F	30"x36"x48"	70 Gals.
3	Oakite 90 Alkaline Cleaner	180+-10F	24"x24"x36"	70 Gals.
4	Clepox 125 Black Oxide	250F	20"x18"x25"	15Gals.
5	Rinse Tank (Passiv. Ty II)	AMB	24"x24"x24"	60 Gals.
6	Nitric/Hydrofluoric Acid Etch	AMB	34"x24"x36"	125 Gals.
7	Fluoride Phosphate	AMB	34"x24"x36"	125 Gals.
8	Turco 4215 Alkaline Cleaner	150+-10F	36"x48"x38"	300 Gals.
9	Deionized Water(Hot Rinse)	190+-10F	34"x24"x36"	125 Gals.
10	Rinse Tank (Fluoride Phosphate)	AMB	34"x24"x36"	125 Gals.
11	Rinse Tank (Nitric/HF Etch)	AMB	36"x48"x36"	250 Gals.
12	Rinse Tank (Turco 4215)	150-200F	36"x48"x36"	250 Gals.
13	Parco Lubrite 2(Mag. Phosphate)	205+-5F	36"x48"x36"	250 Gals.
14	Parcolene 1 Chromic Acid Rinse	155+-10F	36"x48"x38"	300 Gals.
15	Rinse Tank (Parco Lubrite 2)	140-160F	36"x48"x36"	250 Gals.
16	Bonderite 32(Zinc Phosphate)	170+-5F	36"x48"x36"	250 Gals.
17	Hot Air Dryer	150-210F	36"x48"x36"	-----
18	Rinse Tank (Bonderite 32)	140-160F	36"x48"x36"	250 Gals.
19	Sodium Dichromate Seal	150+-10F	24"x24"x24"	50 Gals.
20	Passivation Ty II	130+-10F	24"x24"x24"	55 Gals.
21	Passivationn Ty VI, VIII	AMB	24"x24"x24"	55 Gals.
22	Parcolene M(Grain Refiner)	185+-5F	35"x48"x38"	300 Gals.
23	Rinse Tank (Oakite 90)	AMB	24"x24"x36"	70 Gals.
24	Cuastic Soda- Stripper	170F	18"x18"x24"	15 Gals.

ANODIZE LINE - CHEMICAL TANKS

IU Name: E/M Corporation

IU 000097 Permit No.: W-17986

<u>Ink No.</u>	<u>Contents</u>	<u>Temps.</u>	<u>Size</u>	<u>Capacity</u>
200	Aldet 1 Alkaline Cleaner	120-140F	72"x42"x48"	600 Gals.
201	Hot Air Dryer	150-210F	48"x48"x48"	_____
202	Aluminux 1000 Etch	70-100F	36"x42"x48"	275 Gals.
203	Rinse Tank (Aldet 1)	AMB	36"x36"x48"	275 Gals.
204	Diversey 560 Deoxidizer	70-100F	72"x42"x48"	550 Gals.
205	Rinse Tank (Aluminux 1000)	AMB	36"x36"x48"	275 Gals.x3
206	Diversey 61/62M Deoxidizer	70-90F	35"x42"x48"	275 Gals.
207	Rinse Tank (Diversey 61/62M/Anodize)	AMB	36"x36"x48"	275 Gals.x3
208	Anodize TY II	68-74F	72"x42"x48"	700 Gals.
209	Rinse Tank (Sodium Dichromate)	AMB	36"x36"x48"	275 Gals.x3
210	Anodize TYIII	26-34F	96"x36"x60"	800 Gals.
228	New TY III Anodize	26-34F	96"x36"x60"	800 Gals.
212	Black Dye	135-155F	36"x42"x48"	275 Gals.
213	Rinse Tank (Diversey 560)	AMB	48"x48"x48"	275Gals.x2
214	Nickel Acetate Seal	185-212F	36"x42"x46"	200 Gals.
215	Rinse Tank (Black Dye)	AMB	36"x36"x48"	275 Gals.x3
216	Sodium Dichromate Seal	190-212F	36"x42"x48"	200 Gals.
218	D.I. Water	190-212F	36"x42"x48"	275 Gals.
219	Rinse Tank	AMB	36"x36"x48"	275 Gals.x3
220	Rinse Tank (Nickel Seal)	AMB	36"x42"x46"	200 Gals.
221	Rinse Tank (Alodine 1200)	AMB	36"x42"x48"	275 Gals.
222	Alodine 1200- Chem Film	70-100F	36"x42"x48"	275 Gals.
224	Titanium Anodize-Ti-Cote	AMB	36"x36"x36"	200 Gals.
225	Rinse Tank (Ti-Cote)	AMB	36"x36"x48"	275 Gals.x3
226	Annro 103	AMB	48"x24"x24"	80 Gals.
227	Hot Water Rinse(Annro 103)	190-200f	24"x24"x36"	70Gals.

RAW MATERIAL

MACHINING

CLEANING AND SURFACE
PREPARATION

PHOSPHATE + PASSIVATE

WASTEWATER
(2980 GPD)

ANODIZE + CHEM FILM

WASTEWATER
(4551 GPD)

PRETREATMENT
SYSTEM

EFFLUENT
(7531 GPD)

FINISHED PRODUCT

PROCESS FLOW DIAGRAM
AND WATER BALANCE

INDUSTRIAL WASTEWATER PERMIT W179816

E/M CORP.
6940 FARMDALE AVE
N. HOLLYWOOD CA 91605

DRAWN BY: ISMAEL PEDROZA

DATE: 2/19/96

APPROVED BY: DEREK NEEDHAM

DATE: 2/19/96

DRAWING NO. 5K

INDUSTRIAL WASTEWATER PERMIT
W179816
E/M CORP.
6940 FARMDALE AVE
N. HOLLYWOOD CA 91605

N →

PRETREATMENT SYSTEM SCHEMATIC DIAGRAM

E/M CORPORATION
6940 FARMDALE AVE.
NORTH HOLLYWOOD, CA 91605

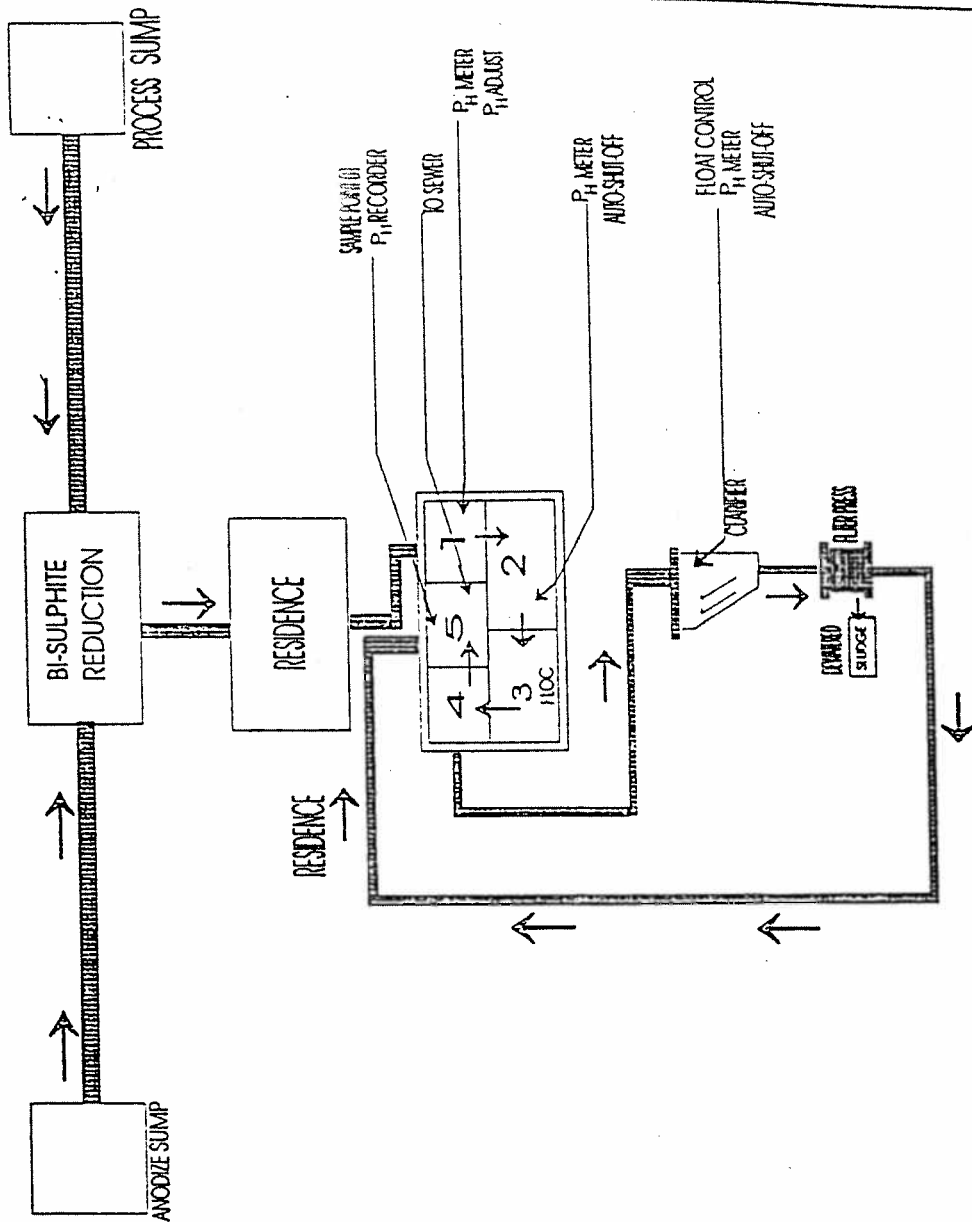
DRAWN BY: Ismael Pedrosa
ISMAEL PEDROSA

DATE: 1/26/96

APPROVED BY: Derek Needham
DEREK NEEDHAM

DATE: 1/26/96

NORTH HOLLYWOOD WASTE TREATMENT SCHEMATIC



ATTACHMENT - 5
IU Name: E/M Corporation
IU No.: 1U000097 Permit No.: W-179816

Page

DRAWING 2

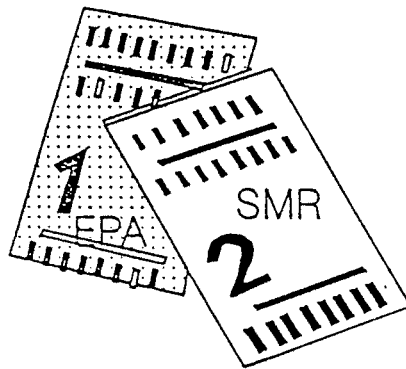
APPENDIX C

SELF-MONITORING REPORT FORM AND INSTRUCTIONS

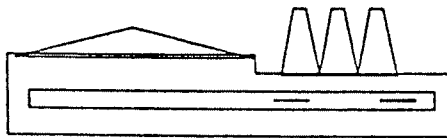
CITY of LOS ANGELES

EPA Categorical

Industrial User



SELF-MONITORING INSTRUCTIONS & REQUIREMENTS



CITY OF LOS ANGELES
BUREAU OF SANITATION
INDUSTRIAL WASTE
MANAGEMENT DIVISION

PERIODIC COMPLIANCE REPORT

PAGE 1 OF 2

SEND REPORT TO:
CITY OF LOS ANGELES
BUREAU OF SANITATION
INDUSTRIAL WASTE
MANAGEMENT DIVISION
4590 COLORADO BLVD
LOS ANGELES CA 90039
ATTN: DATA MANAGEMENT

THIS IS THE DESCRIPTION OF YOUR FACILITY

I.W. PERMIT # W- PERMIT NUMBER PHONE # () DAYTIME OFFICE

COMPANY NAME: NAME OF BUSINESS FACILITY

COMPANY ADDRESS: STREET ADDRESS OF FACILITY

MAXIMUM DAILY FLOW: DURING THE REPORTING PERIOD

AVERAGE DAILY FLOW: DURING THE REPORTING PERIOD

MONITORING PERIOD

(CHECK ONE)

CHECK THE
PROPER
REPORTING
PERIOD

SAMPLE

SAMPLE POINT	LOCATION SAMPLE TAKEN	LABORATORY NAME	SAMPLE TAKEN BY (PERSON NAME)	PRENOTIFICATION DATE ** MM/DD/YY	SAMPLE DAY FLOW (GPD)	FLOW WAS * (check)		
						M	E	C
1	Describe the Sample Point. (cyanide destruct, sample box, manhole, batch tank)	Lab performing analysis	Who took the sample	Date you called	Flow on day sampled	MEASURED	ESTIMATED	CALCULATED
1								
1								
1								

* M = MEASURED E = ESTIMATED C = CALCULATED ** TO PRENOTIFY CALL (213) 485-5874 REV. 5/31/94

SAMPLE

PAGE 2 OF 2

POLLUTANTS (In mg/l)	FEDERAL LIMITS (POINT SOURCE) MAXIMUM		ALTERNATIVE LIMITS FOR DAILY MAX. AND MONTHLY AVERAGE USING CWF	LOCAL LIMITS INSTANTANEOUS MAXIMUM (C)	LAB SAMPLE # 1	VIOL	LAB SAMPLE # 2	VIOL	LAB SAMPLE # 3	VIOL	LAB SAMPLE # 4	VIOL	MONTHLY AVERAGE RESULTS FOR THE MONTH OF 9/93	VIOL (B) YES /NO
	DAILY (A)	MONTHLY (B)			SAMPLE DATE 9/12/93	(A) AND/OR (B) (C)	SAMPLE DATE 9/13/93	(A) AND/OR (B) (C)	SAMPLE DATE 9/16/93	(A) AND/OR (B) (C)	SAMPLE DATE 9/20/93	(A) AND/OR (B) (C)		
ARSENIC				3.00	0.01						0.12			
CADMIUM	0.69	0.26		15.00	0.80	A,B					0.54	B	0.67	Y
COPPER	3.38	2.07		15.00	0.30						3.15		1.73	N
NICKEL	3.98	2.38		12.00	1.20						1.10		1.15	N
SILVER	0.43	0.24		5.00	0.01						0.05		0.03	N
CHROMIUM	2.77	1.71		12.00	1.02						3.48	A,B	2.25	Y
ZINC	2.61	1.48		25.00	1.50	B					1.69	B	1.60	Y
LEAD	0.69	0.43		5.00	0.13						0.52	B	0.33	N
t. METALS														
CYANIDE(f)	0.86	0.32		2.00			0.27						0.27	N
CYANIDE(t)	1.20	0.65		10.00			0.35						0.35	N
D. SULFIDES				0.10			0.26	C	0.09					
TTO	2.13								0.14					
pH (pH unit)				5.50 - 11.00			7.5							
OIL & GREASE				600.00			55.0							
CHLORIDES				-----	120.0									

t = TOTAL, f=FREE, D=DISSOLVED, VIOL=VIOLATION, TTO=TOTAL TOXIC ORGANICS, CALC.=CALCULATED, CWF=COMBINED WASTESTREAMS FORMULA, MAX.=MAXIMUM

IF IN VIOLATION, ATTACH A STATEMENT OF REASON FOR VIOLATION AND CORRECTIVE ACTION TAKEN

I CERTIFY THAT UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

John Doe
AUTHORIZED REPRESENTATIVE SIGNATURE

JOHN DOE
PRINT NAME

OWNER
TITLE

10/12/93
DATE

CITY OF LOS ANGELES
BUREAU OF SANITATION
INDUSTRIAL WASTE
MANAGEMENT DIVISION

FORM W-179816
IU000097
40 CFR 413 & 40 CFR 433

SEND REPORT TO:
CITY OF LOS ANGELES
INDUSTRIAL WASTE
MANAGEMENT DIVISION
BUREAU OF SANITATION
4590 COLORADO BLVD.
LOS ANGELES, CA 90039
ATTN: DATA MANAGEMENT

I.W. PERMIT # W-

PHONE #() -

COMPANY NAME:

COMPANY ADDRESS:

MAXIMUM DAILY FLOW:

(GPD) ☐ MEASURED ☐ ESTIMATED ☐ CALCULATED

AVERAGE DAILY FLOW:

(GPD) ☐ MEASURED ☐ ESTIMATED ☐ CALCULATED

MONITORING PERIOD

(CHECK ONE EACH)

Federal/Local SMR

☐ JAN- FEB
☐ MAR-APR
☐ MAY-JUN
☐ JUL-AUG
☐ SEP-OCT
☐ NOV-DEC

19 _____

NOTE:

1. Reports must be submitted with U.S. Post Office postmark date by the 15th day of the month following the monitoring period.
2. Facsimiles (Faxes) of these reports shall not be accepted.

SAMPLE POINT	LOCATION SAMPLE TAKEN	LABORATORY NAME	SAMPLE TAKEN BY (PERSON NAME)	PRENOTIFICATION DATE ** MM/DD/YY	SAMPLE DAY FLOW (GPD)	FLOW WAS * (CHECK)		
						M	E	C
1								
1								
1								
1								

* M = MEASURED

E = ESTIMATED

C = CALCULATED

** TO PRENOTIFY CALL (213)485-5874

IU000097 CH1

POLLUTANTS (In mg/l)	FEDERAL LIMITS (POINT SOURCE) MAXIMUM		MONITORING FREQUENCY	LOCAL LIMITS INSTANTANEOUS MAXIMUM (C)	LAB SAMPLE#1 SAMPLE DATE / /	VIOL (A) AND/OR (B) (C)	LAB SAMPLE#2 SAMPLE DATE / /	VIOL (A) AND/OR (B) (C)	LAB SAMPLE#3 SAMPLE DATE / /	VIOL (A) AND/OR (B) (C)	LAB SAMPLE#4 SAMPLE DATE / /	VIOL (A) AND/OR (B) (C)	MONTHLY AVERAGE RESULT FROM TO	VIOL (B) YES/NO
	DAILY (A)	MONTHLY (B)												
ARSENIC	████	████	ONCE/2 MO.	3.00									████	████
CADMIUM	0.53	0.23	ONCE/2 MO.	15.00										
COPPER	3.35	2.05	ONCE/2 MO.	15.00										
NICKEL	3.94	2.36	ONCE/2 MO.	12.00										
SILVER	0.43	0.24	ONCE/2 MO.	5.00										
CHROMIUM	2.74	1.69	ONCE/2 MO.	10.00										
ZINC	2.58	1.47	ONCE/2 MO.	25.00										
LEAD	0.65	0.38	ONCE/2 MO.	5.00										
CYANIDE(f)	5.00	2.70	ONCE/2 MO.	2.00										
TTO	3.04	-----	ONCE/2 MO.	-----									████	████
CYANIDE(t)	1.20	0.65	ONCE/2 MO.	10.00										
D. SULFIDES	████	████	ONCE/2 MO.	0.10									████	████
pH (pH unit)	████	████	ONCE/2 MO.	5.50 - 11.00									████	████
OIL & GREASE	████	████	ONCE/2 MO.	600.00									████	████
CHLORIDES	████	████	ONCE/2 MO.	-----									████	████

t = TOTAL, f = FREE, D = dissolved, VIOL = VIOLATION, TTO = TOTAL TOXIC ORGANICS, CALC. = CALCULATED, MAX. = MAXIMUM, CWF = COMBINED WASTESTREAM FORMULA

IF IN VIOLATION, ATTACH A STATEMENT OF REASON FOR VIOLATION AND CORRECTIVE ACTION TAKEN

I CERTIFY THAT UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

AUTHORIZED REPRESENTATIVE SIGNATURE
REV/4/30/95 IU000097.SMR

PRINT NAME

TITLE

DATE

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PUBLIC WORKS

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PERCY DURAN III
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JOHN W. MURRAY, JR.
M. E. "RED" MARTINEZ

CITY OF LOS ANGELES
CALIFORNIA



TOM BRADLEY
MAYOR

DEPARTMENT OF
PUBLIC WORKS

BUREAU OF SANITATION

DELWIN A. BIAGI
DIRECTOR

HARRY M. SIZEMORE

ROBERT M. ALPERN

JOHN T. CROSSE

SAM FURUTA

MICHAEL M. MILLER
ASSISTANT DIRECTORS

SUITE 1400, CITY HALL EAST
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 485-5112
FAX NO. (213) 626-5514

April 29, 1993

E/M Lubricants Corporation
6940 Farndale Avenue
North Hollywood, CA 91605

Attn: Mr. Derek Needham, Western Operations Manager

Industrial Wastewater Permit No. W-179816

Case No. 2791

NOTICE OF FINAL PERMIT REINSTATEMENT

On January 22, 1993, A Permit Suspension Order was issued to E/M Lubricants Corporation suspending Industrial Wastewater Permit No. W-179816. Subsequently, on January 26, 1993, a Notice of Conditional Permit Reinstatement was issued. Final permit reinstatement was contingent upon results of multi-day sampling conducted by the Bureau.

The Bureau has since performed this sampling and results indicate that compliance has been achieved. Therefore, effective April 29, 1993 E/M Lubricants Corporation is hereby notified of the final reinstatement of Industrial Wastewater Permit No. W-179816, the termination of enforcement actions, and the return to routine status.

Enforcement self-monitoring requirements have also been terminated. However, E/M Lubricants Corporation must continue with standard self-monitoring, reported on the appropriate forms, by the required due dates, as specified in Industrial Wastewater Permit No. W-179816.

Be aware that despite termination of this enforcement case, any future violations of Industrial Wastewater Permit No. W-179816 may subject E/M Lubricants Corporation to escalated enforcement action, including permit revocation. In addition, pursuant to the Los Angeles Municipal Code Section 64.30, E/M Lubricants Corporation is obligated to repay all costs incurred by the City of Los Angeles as a result of this enforcement action.

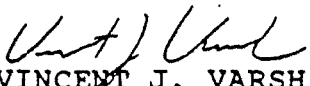
E/M Lubricants Corporation -2-

April 29, 1993

If there are any questions regarding this matter, please contact Angel Garcia, of my staff, at (213) 485-7580.

DELWIN A. BIAGI, Director
Bureau of Sanitation

By:


VINCENT J. VARSH, Manager
Enforcement Division

cc: Bhupendra Patel, Senior I. W. Inspector, SIU Inspection Group
Larry Muto, Senior I. W. Inspector, City-Wide Monitoring Group

c:cm.cis/ag

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PERCY DURAN III
PRESIDENT PRO-TEMPORE

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M. E. "RED" MARTINEZ

CITY OF LOS ANGELES
CALIFORNIA



TOM BRADLEY
MAYOR

DEPARTMENT OF
PUBLIC WORKS

BUREAU OF SANITATION

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DIRECTOR

HARRY M. SIZEMORE

ROBERT M. ALPERN

JOHN T. CROSSE

SAM FURUTA

MICHAEL M. MILLER
ASSISTANT DIRECTORS

SUITE 1400, CITY HALL EAST
200 NORTH MAIN STREET
LOS ANGELES, CA 90012
(213) 485-5112
FAX NO. (213) 626-5514

April 29, 1993

E/M Lubricants Corporation
6940 Farndale Avenue
North Hollywood, CA 91605

Attn: Mr. Derek Needham, Western Operations Manager

Industrial Wastewater Permit No. W-179816

Case No. 2791

NOTICE OF FINAL PERMIT REINSTATEMENT

On January 22, 1993, A Permit Suspension Order was issued to E/M Lubricants Corporation suspending Industrial Wastewater Permit No. W-179816. Subsequently, on January 26, 1993, a Notice of Conditional Permit Reinstatement was issued. Final permit reinstatement was contingent upon results of multi-day sampling conducted by the Bureau.

The Bureau has since performed this sampling and results indicate that compliance has been achieved. Therefore, effective April 29, 1993 E/M Lubricants Corporation is hereby notified of the final reinstatement of Industrial Wastewater Permit No. W-179816, the termination of enforcement actions, and the return to routine status.

Enforcement self-monitoring requirements have also been terminated. However, E/M Lubricants Corporation must continue with standard self-monitoring, reported on the appropriate forms, by the required due dates, as specified in Industrial Wastewater Permit No. W-179816.

Be aware that despite termination of this enforcement case, any future violations of Industrial Wastewater Permit No. W-179816 may subject E/M Lubricants Corporation to escalated enforcement action, including permit revocation. In addition, pursuant to the Los Angeles Municipal Code Section 64.30, E/M Lubricants Corporation is obligated to repay all costs incurred by the City of Los Angeles as a result of this enforcement action.

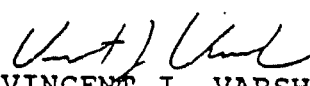
E/M Lubricants Corporation -2-

April 29, 1993

If there are any questions regarding this matter, please contact Angel Garcia, of my staff, at (213) 485-7580.

DELWIN A. BIAGI, Director
Bureau of Sanitation

By:


VINCENT J. VARSH, Manager
Enforcement Division

cc: Bhupendra Patel, Senior I. W. Inspector, SIU Inspection Group
Larry Muto, Senior I. W. Inspector, City-Wide Monitoring Group

c:cm.cla/ag

D

FAX

Please Deliver At Once

Attention / SHUCA MEYER From E/M CORPORATION

Department / 6940 Farmdale Ave.

Company / North Hollywood, Ca. 91605

Fax # Sender / RAYMOND KRISHOCK

32 PAGES INCLUDING COVER PAGE.
THIS TRANSMITTAL SENT ON 10/28/96
ORIGINAL DOCUMENT (S) WILL FOLLOW BY 1ST. CLASS U.S. MAIL ☐
PLEASE CALL SENDER TO ACKNOWLEDGE RECEIPT/
REPORT ANY MISSING PAGES OR INCOMPLETE TRANSMITTAL/

MESSAGE /

TO REPLY CALL (818) 983-1952 OR (213) 875-0101
OUR FAX (818) 503-0998

ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION FORM

FACILITY SPECIFIC NOTIFICATION

For Use by Hazardous Waste Generators Performing Treatment
Under Conditional Exemption and Conditional Authorization,
and by Permit By Rule Facilities

☒ Initial
☐ Revised

Please refer to the attached Instructions before completing this form. You may notify for more than one permitting tier by using this notification form, DTSC 1772. You must attach a separate unit specific notification form for each unit at this location. There are different unit specific notification forms for each of the four categories and an additional notification form for transportable treatment units (TTU's). You only have to submit forms for the tier(s) that cover your unit(s). Discard or recycle the other unused forms. Number each page of your completed notification package and indicate the total number of pages at the top of each page at the 'Page ___ of ___'. Put your EPA ID Number on each page. Please provide all of the information requested; all fields must be completed except those that state 'if different' or 'if available'. Please type the information provided on this form and any attachments.

The notification will not be considered complete without payment of the appropriate fee for each tier under which you are operating. (Please note that the fee is per TIER not per UNIT. For example, if you operate 5 units but they are all Conditionally Authorized, you only owe \$1,140, NOT 5 times \$1,140. If you operate any Permit by Rule units and any units under Conditional Authorization you owe \$2,280.) Checks should be made payable to the Department of Toxic Substances Control and be stapled to the top of this form. Please write your EPA ID Number on the check. Fill in the check number in the box above.

I NOTIFICATION CATEGORIES

Indicate the number of units you operate in each tier. This will also be the number of unit specific notification forms you must attach. Conditionally Exempt Small Quantity Treatment operations may not operate units under any other tier.

Number of units and attached unit specific notifications

		Fee per Tier (not per unit)
A.	_____ Conditionally Exempt-Small Quantity Treatment (Form DTSC 1772A)	\$ 100
B.	_____ Conditionally Exempt-Specified Wastestream (Form DTSC 1772B)	\$ 100
C.	_____ Conditionally Authorized (Form DTSC 1772C)	\$1,140
D.	<u>4</u> Permit by Rule (Form DTSC 1772D)	\$1,140
	=====	=====
	<u>4</u> Total Number of Units	Total Fee Attached \$ <u>1,140</u>

II GENERATOR IDENTIFICATION

EPA ID NUMBER CA D 0 9 1 7 1 9 4 5 0

BOE NUMBER (if available) H A HQ 3 6 0 0 7 2 7 4

NAME (Company or Facility) E/M CORPORATION

(DBA-Doing Business As)

PHYSICAL LOCATION 6940 FARMDALE AVENUE

CITY NORTH HOLLYWOOD

CA ZIP 91605 - 6286

For DTSC Use Only

Region _____

COUNTY LOS ANGELES

CONTACT PERSON

RAYMOND
(First Name)

KRISHOCK
(Last Name)

PHONE NUMBER (317) 497 - 6100

DTSC 1772 (1/93)

Page 1

MAILING ADDRESS, IF DIFFERENT:

COMPANY NAME (DBA) _____

STREET _____

CITY _____

STATE _____ ZIP _____

COUNTRY _____

(only complete if not USA)

CONTACT PERSON _____

(First Name)

(Last Name)

PHONE NUMBER(____) _____

III. TYPE OF COMPANY: STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE:

Use either one or two SIC codes (a four digit number) that best describe your company's products, services, or industrial activity.

Example: 7384 Photofinishing lab 3672 Printed circuit boards

First: 3479 CUSTOM COATING Second: 2899 COATING COMPOUNDING

IV. PRIOR PERMIT STATUS: Check yes or no to each question:

YES NO

- ☒ ☐ 1. Did you file a PBR Notice of Intent to Operate (DTSC Form 8462) in 1992 for this location?
- ☐ ☒ 2. Do you now have or have you ever held a state or federal hazardous waste facility full permit or interim status for any of these treatment units?
- ☐ ☒ 3. Do you now have or have you ever held a state or federal full permit or interim status for any other hazardous waste activities at this location?
- ☐ ☒ 4. Have you ever held a variance issued by the Department of Toxic Substances Control for the treatment you are now notifying for at this location?
- ☒ ☐ 5. Has this location ever been inspected by the state or any local agency as a hazardous waste generator?

V. PRIOR ENFORCEMENT HISTORY: Not required from generators only notifying as conditionally exempt.

YES NO

- ☐ ☒ Within the last three years, has this facility been the subject of any convictions, judgments, settlements, or final orders resulting from an action by any local, state, or federal environmental, hazardous waste, or public health enforcement agency?

(For the purposes of this form, a notice of violation does not constitute an order and need not be reported unless it was not corrected and became a final order.)

- ☐ If you answered Yes, check this box and attach a listing of convictions, judgments, settlements, or orders and a copy of the cover sheet from each document. (See the Instructions for more information)

VI ATTACHMENTS:

- ☒ 1. A plot plan/map detailing the location(s) of the covered unit(s) in relation to the facility boundaries.
- ☒ 2. A unit specific notification form for each unit to be covered at this location.

VII CERTIFICATIONS: *This form must be signed by an authorized corporate officer or any other person in the company who has operational control and performs decision-making functions that govern operation of the facility (per title 22, California Code of Regulations (CCR) section 66270.11). All three copies must have original signatures.*

Waste Minimization I certify that I have a program in place to reduce the volume, quantity, and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Tiered Permitting Certification I certify that the unit or units described in these documents meet the eligibility and operating requirements of state statutes and regulations for the indicated permitting tier, including generator and secondary containment requirements. I understand that if any of the units operate under Permit by Rule or Conditional Authorization, I will also be required to provide required financial assurances by January 1, 1994, and conduct a Phase I environmental assessment by January 1, 1995.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are substantial penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

ROBERT L. WEIBLE

Name (Print or Type)

Signature

VICE PRESIDENT/WESTERN REGIONAL

Title

MANAGER

MARCH 19, 1993

Date Signed

OPERATING REQUIREMENTS:

Please note that generators treating hazardous waste onsite are required to comply with a number of operating requirements which differ depending on the tier(s) under which one operates. These operating requirements are set forth in the statutes and regulations, some of which are referenced in the Tier-Specific Factsheets.

SUBMISSION PROCEDURES:

You must submit two copies of this completed notification by certified mail, return receipt requested, to:

Department of Toxic Substances Control
Form 1772
Onsite Hazardous Waste Treatment Unit
400 P Street, 4th Floor (walk in only)
P.O. Box 806
Sacramento, CA 95812-0806.

You must also submit one copy of the notification and attachments to the local regulatory agency in your jurisdiction as listed in the instruction materials. You must also retain a copy as part of your operating record.

All three forms must have original signatures, not photocopies.

PERMIT BY RULE

UNIT SPECIFIC NOTIFICATION

For Fixed Treatment Units Only

(pursuant to Title 22, California Code of Regulations, Chapter 45)

UNIT NAME TRIPLE RINSING OF COATING MTL. CONTAINERS UNIT ID NUMBER 1

NUMBER OF TREATMENT DEVICES: NA Tank(s) 2 Container(s)

Each unit must be clearly identified and labeled on the plot plan attached to Form 1772. Assign your own unique number to each unit. The number can be sequential (1, 2, 3) or you may use any system you choose.

This form is to be used by all fixed Permit by Rule (PBR) units only. The Onsite Hazardous Waste Treatment Form combined with this unit specific notification supercedes DTSC Forms 8462A and 8462B. Do not use any part of DTSC 1772 for PBR Transportable Treatment Units (TTUs). TTUs must continue to use DTSC Forms 8429 and 8429A, as modified for AB 1772.

The wastestreams treated must be limited to those listed in title 22, CCR, section 67450.11, which are also listed below.

Enter the estimated monthly total volume of hazardous waste treated by this unit. This should be the maximum or highest amount treated in any month. Indicate in the narrative (Section II) if your operations have seasonal variations.

I. WASTESTREAMS AND TREATMENT PROCESSES:

Estimated Monthly Total Volume Treated: _____ pounds and/or 80 gallons

The following are the eligible wastestreams and treatment processes. Please check all applicable boxes:

1. Aqueous wastes containing hexavalent chromium may be treated by the following process:

☐ a. Reduction of hexavalent chromium to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous sulfate, ferrous sulfide or sulfur dioxide provided both pH and addition of the reducing agent are automatically controlled.

2. Aqueous wastes containing metals listed in Title 22, CCR, section 66261.24 (a)(2) and/or fluoride salts may be treated by the following technologies:

- ☐ a. pH adjustment or neutralization.
- ☐ b. Precipitation or crystallization.
- ☐ c. Phase separation by filtration, centrifugation, or gravity settling.
- ☐ d. Ion exchange.
- ☐ e. Reverse osmosis.
- ☐ f. Metallic replacement.
- ☐ g. Plating the metal onto an electrode.
- ☐ h. Electrodialysis.
- ☐ i. Electrowinning or electrolytic recovery.
- ☐ j. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ k. Evaporation.
- ☐ l. Adsorption.

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION

For Fixed Treatment Units Only

(pursuant to Title 22, California Code of Regulations, Chapter 45)

3. Aqueous wastes with total organic carbon less than ten percent as measured by EPA Method 9060 and less than one percent total volatile organic compounds as measured by EPA Method 8240 may be treated by the following technologies:

- ☐ a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
- ☐ b. Adsorption.
- ☐ c. Distillation.
- ☐ d. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.
- ☐ e. Photodegradation using ultraviolet light, with or without the addition of hydrogen peroxide or ozone, provided the treatment is conducted in an enclosed system.
- ☐ f. Air stripping or steam stripping.

4. Sludges, dusts, solid metal objects and metal workings which contain or are contaminated with metals listed in Title 22, CCR, section 66261.24 (2)(2) and/or fluoride salts may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Physical processes which change only the physical properties of the waste such as grinding, shredding, crushing, or compacting.
- ☐ c. Drying to remove water.
- ☐ d. Separation based on differences in physical properties such as size, magnetism or density.

5. Alum, gypsum, lime, sulfur or phosphate sludges may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Drying to remove water.
- ☐ c. Phase separation by filtration, centrifugation or gravity settling.

6. Wastes identified in Title 22, CCR, section 66261.120, that meet the criteria and requirements for special waste classification in Section 66261.122 may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Drying to remove water.
- ☐ c. Phase separation by filtration, centrifugation or gravity settling.
- ☐ d. Screening to separate components based on size.
- ☐ e. Separation based on differences in physical properties such as size, magnetism or density.

**PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION**

For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

7. Wastes, except asbestos, which have been classified by the Department as special wastes pursuant to Title 22, CCR, section 66261.124, may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Drying to remove water
- ☐ c. Phase separation by filtration, centrifugation or gravity settling.
- ☐ d. Magnetic separation.

8. Inorganic acid or alkaline wastes may be treated by the following technology:

- ☐ a. pH adjustment or neutralization.

9. Soils contaminated with metals listed in Title 22, CCR, section 66261.24 (a)(2), (Persistent and Bioaccumulative Toxic Substances) may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Screening to separate components based on size.
- ☐ c. Magnetic separation.

10. Used oil, unrefined oil waste, mixed oil, oil mixed with water and oil/water separation sludges may be treated by the following technologies:

- ☐ a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
- ☐ b. Distillation.
- ☐ c. Neutralization.
- ☐ d. Separation based on differences in physical properties such as size, magnetism or density.
- ☐ e. Reverse osmosis.
- ☐ f. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.

11. Containers of 110 gallons or less capacity which are not constructed of wood, paper, cardboard, fabric, or any other similar absorptive material, which have been emptied as specified in Title 40 of the Code of Federal Regulations, section 261.7 or inner liners removed from empty containers that once held hazardous waste or hazardous material and which are not excluded from regulation may be treated by the following technologies provided the treated containers and rinseate are managed in compliance with applicable requirements:

- ☒ a. Rinsing with a suitable liquid capable of dissolving or removing the hazardous constituents which the container held.
- ☒ b. Physical processes such as crushing, shredding, grinding or puncturing, that change only the physical properties of the container or inner liner, provided the container or inner liner is first rinsed and the rinseate is removed from the container or inner liner.

PAGE 07/04

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

12. Multi-component resins may be treated by the following process:

- ☐ a. Mixing the resin components together in accordance with the manufacturer's instructions.

II. NARRATIVE DESCRIPTIONS: *Provide a brief description of the specific waste treated and the treatment process used.*

1. SPECIFIC WASTE TYPES TREATED: CUSTOM COATING MATERIALS

2. TREATMENT PROCESS(ES) USED: RINSING & CRUSHING

III. RESIDUAL MANAGEMENT: *Check Yes or No to each question as it applies to all residuals from this treatment unit.*

YES NO

☐☒

1. Do you discharge non-hazardous aqueous waste to a publicly owned treatment works (POTW)/sewer?

☐☒

2. Do you discharge non-hazardous aqueous waste under an NPDES permit?

☒☐

3. Do you have your residual hazardous waste hauled offsite by a registered hazardous waste hauler?
If you do, where is the waste sent? *Check all that apply.*

☒

a. Offsite recycling

☒

b. Thermal treatment

☐

c. Disposal to land

☒

d. Further treatment

☒☐

4. Do you dispose of non-hazardous solid waste residues at an offsite location?

☐☐

5. Other method of disposal. Specify: _____

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT:

In order to demonstrate eligibility for one of the onsite treatment tiers, facilities are required to provide the basis for determining that a hazardous waste permit is not required under the federal Resource Conservation and Recovery Act (RCRA) and the federal regulations adopted under RCRA (Title 40, Code of Federal Regulations (CFR)).

Choose the reason(s) that describe the operation of your onsite treatment units:

- ☐ 1. The hazardous waste being treated is not a hazardous waste under federal law although it is regulated as a hazardous waste under California state law.
- ☐ 2. The waste is treated in wastewater treatment units (tanks), as defined in 40 CFR Part 260.10, and discharged to a publicly owned treatment works (POTW)/sewerage agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☐ 3. The waste is treated in elementary neutralization units, as defined in 40 CFR Part 260.10, and discharged to a POTW/sewerage agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☐ 4. The waste is treated in a totally enclosed treatment facility as defined in 40 CFR Part 260.10; 40 CFR 264.1(g)(5).
- ☐ 5. The company generates no more than 100 kg (approximately 27 gallons) of hazardous waste in a calendar month and is eligible as a federal conditionally exempt small quantity generator. 40 CFR 260.10 and 40 CFR 261.5.
- ☐ 6. The waste is treated in an accumulation tank or container within 90 days for over 1000 kg/month generators and 180 or 270 days for generators of 100 to 1000 kg/month. 40 CFR 262.34, 40 CFR 270.1(c)(2)(i), and the Preamble to the March 24, 1986 Federal Register.
- ☐ 7. Recyclable materials are reclaimed to recover economically significant amounts of silver or other precious metals. 40 CFR 261.6(a)(2)(iv), 40 CFR 264.1(g)(2), and 40 CFR 266.70.
- ☒ 8. Empty container rinsing and/or treatment. 40 CFR 261.7.
- ☐ 9. Other: Specify: _____
- _____

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units-Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

V. UNIT OWNER INFORMATION, ONLY IF DIFFERENT FROM GENERATOR

OWNER NAME E/M CORPORATION

STREET 6940 FARMDALE AVENUE

CITY NORTH HOLLYWOOD STATE CA ZIP 91605 COUNTRY _____
(only complete if not USA)

CONTACT PERSON RAYMOND A. KRISHOCK PHONE NUMBER (213) 875-0101
(first name) (last name)

VI. ATTACHMENTS:

- ☒ A. A certification specifying the local agencies that have been notified of the operation. (Mandatory)
- ☐ B. Documentation that the facility operator has notified the property owner of the operation of the unit.
(Required only when the property owner is different from the generator/operator.)
- ☒ Check this box if the generator is also the property owner.
- ☒ C. A brief description of how the treatment unit operates (i.e., continuous, batch, intermittent, etc.).
The manufacturer's operation specification sheet can be used to satisfy this requirement. (Mandatory)
- ☐ D. The tank and/or containment system certifications required by title 22, CCR, sections 66264.175(c) for containers and containment systems and 66265.191(a) and 66265.192(a) for tanks. (Mandatory, although the type of certification depends on the type of treatment unit, either tank or container.)

The Tier-Specific Factsheets contain a summary of the operating requirements for this category.
Please review those requirements carefully before completing or submitting this notification package.

- C. BATCH - EACH (1) OR (5) GALLON CONTAINER IS RINSED WITH THE APPROPRIATE SOLVENT (3) TIMES AND THE RINSATE IS COLLECTED IN A (55) GALLON CONTAINER FOR DISPOSAL OFF SITE.

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only

(pursuant to Title 22, California Code of Regulations, Chapter 45)

UNIT NAME EFFLUENT TREATMENT SYSTEM

UNIT ID NUMBER 2

NUMBER OF TREATMENT DEVICES: 8 Tank(s)

3 Container(s)

Each unit must be clearly identified and labeled on the plot plan attached to Form 1772. Assign your own unique number to each unit. The number can be sequential (1, 2, 3) or you may use any system you choose.

This form is to be used by all fixed Permit by Rule (PBR) units only. The Onsite Hazardous Waste Treatment Form combined with this unit specific notification supercedes DTSC Forms 8462A and 8462B. Do not use any part of DTSC 1772 for PBR Transportable Treatment Units (TTUs). TTUs must continue to use DTSC Forms 8429 and 8429A, as modified for AB 1772.

The wastestreams treated must be limited to those listed in title 22, CCR, section 67450.11, which are also listed below.

Enter the estimated monthly total volume of hazardous waste treated by this unit. This should be the maximum or highest amount treated in any month. Indicate in the narrative (Section II) if your operations have seasonal variations.

I. WASTESTREAMS AND TREATMENT PROCESSES:

Estimated Monthly Total Volume Treated: _____ pounds and/or 170,000 gallons

The following are the eligible wastestreams and treatment processes. Please check all applicable boxes:

1. Aqueous wastes containing hexavalent chromium may be treated by the following process:

☒ a. Reduction of hexavalent chromium to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous sulfate, ferrous sulfide or sulfur dioxide provided both pH and addition of the reducing agent are automatically controlled.

2. Aqueous wastes containing metals listed in Title 22, CCR, section 66261.24 (a)(2) and/or fluoride salts may be treated by the following technologies:

☒ a. pH adjustment or neutralization.

☒ b. Precipitation or crystallization.

☒ c. Phase separation by filtration, centrifugation, or gravity settling.

☐ d. Ion exchange.

☐ e. Reverse osmosis.

☐ f. Metallic replacement.

☐ g. Plating the metal onto an electrode.

☐ h. Electrodialysis.

☐ i. Electrowinning or electrolytic recovery.

☐ j. Chemical stabilization using silicates and/or cementitious types of reactions.

☐ k. Evaporation.

☐ l. Adsorption.

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only

(pursuant to Title 22, California Code of Regulations, Chapter 45)

3. Aqueous wastes with total organic carbon less than ten percent as measured by EPA Method 9060 and less than one percent total volatile organic compounds as measured by EPA Method 8240 may be treated by the following technologies:

- ☒ a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
- ☐ b. Adsorption.
- ☒ c. Distillation.
- ☐ d. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.
- ☐ e. Photodegradation using ultraviolet light, with or without the addition of hydrogen peroxide or ozone, provided the treatment is conducted in an enclosed system.
- ☐ f. Air stripping or steam stripping.

4. Sludges, dusts, solid metal objects and metal workings which contain or are contaminated with metals listed in Title 22, CCR, section 66261.24 (2)(2) and/or fluoride salts may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Physical processes which change only the physical properties of the waste such as grinding, shredding, crushing, or compacting.
- ☒ c. Drying to remove water.
- ☐ d. Separation based on differences in physical properties such as size, magnetism or density.

5. Alum, gypsum, lime, sulfur or phosphate sludges may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☒ b. Drying to remove water.
- ☒ c. Phase separation by filtration, centrifugation or gravity settling.

6. Wastes identified in Title 22, CCR, section 66261.120, that meet the criteria and requirements for special waste classification in Section 66261.122 may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Drying to remove water.
- ☐ c. Phase separation by filtration, centrifugation or gravity settling.
- ☐ d. Screening to separate components based on size.
- ☐ e. Separation based on differences in physical properties such as size, magnetism or density.

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION

For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

7. Wastes, except asbestos, which have been classified by the Department as special wastes pursuant to Title 22, CCR, section 66261.124, may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Drying to remove water
- ☐ c. Phase separation by filtration, centrifugation or gravity settling.
- ☐ d. Magnetic separation.

8. Inorganic acid or alkaline wastes may be treated by the following technology:

- ☒ a. pH adjustment or neutralization.

9. Soils contaminated with metals listed in Title 22, CCR, section 66261.24 (a)(2), (Persistent and Bioaccumulative Toxic Substances) may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Screening to separate components based on size.
- ☐ c. Magnetic separation.

10. Used oil, unrefined oil waste, mixed oil, oil mixed with water and oil/water separation sludges may be treated by the following technologies:

- ☐ a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
- ☐ b. Distillation.
- ☐ c. Neutralization.
- ☐ d. Separation based on differences in physical properties such as size, magnetism or density.
- ☐ e. Reverse osmosis.
- ☐ f. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.

11. Containers of 110 gallons or less capacity which are not constructed of wood, paper, cardboard, fabric, or any other similar absorptive material, which have been emptied as specified in Title 40 of the Code of Federal Regulations, section 261.7 or inner liners removed from empty containers that once held hazardous waste or hazardous material and which are not excluded from regulation may be treated by the following technologies provided the treated containers and rinseate are managed in compliance with applicable requirements:

- ☐ a. Rinsing with a suitable liquid capable of dissolving or removing the hazardous constituents which the container held.
- ☐ b. Physical processes such as crushing, shredding, grinding or puncturing, that change only the physical properties of the container or inner liner, provided the container or inner liner is first rinsed and the rinseate is removed from the container or inner liner.

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

12. Multi-component resins may be treated by the following process:

- ☐ a. Mixing the resin components together in accordance with the manufacturer's instructions.

II. NARRATIVE DESCRIPTIONS: Provide a brief description of the specific waste treated and the treatment process used.

1. SPECIFIC WASTE TYPES TREATED: EFFLUENT FROM METAL TREATMENT

2. TREATMENT PROCESS(ES) USED: EQUALIZATION, PH ADJUSTMENT

III. RESIDUAL MANAGEMENT: Check Yes or No to each question as it applies to all residuals from this treatment unit.

YES NO

☒ ☐ 1. Do you discharge non-hazardous aqueous waste to a publicly owned treatment works (POTW)/sewer?

☐ ☒ 2. Do you discharge non-hazardous aqueous waste under an NPDES permit?

☒ ☐ 3. Do you have your residual hazardous waste hauled offsite by a registered hazardous waste hauler?
If you do, where is the waste sent? Check all that apply.

☐ a. Offsite recycling

☐ b. Thermal treatment

☐ c. Disposal to land

☒ d. Further treatment

☒ ☐ 4. Do you dispose of non-hazardous solid waste residues at an offsite location?

☐ ☐ 5. Other method of disposal. Specify: _____

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT:

In order to demonstrate eligibility for one of the onsite treatment tiers, facilities are required to provide the basis for determining that a hazardous waste permit is not required under the federal Resource Conservation and Recovery Act (RCRA) and the federal regulations adopted under RCRA (Title 40, Code of Federal Regulations (CFR)).

Choose the reason(s) that describe the operation of your onsite treatment units:

- ☐ 1. The hazardous waste being treated is not a hazardous waste under federal law although it is regulated as a hazardous waste under California state law.
- ☒ 2. The waste is treated in wastewater treatment units (tanks), as defined in 40 CFR Part 260.10, and discharged to a publicly owned treatment works (POTW)/sewerage agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☐ 3. The waste is treated in elementary neutralization units, as defined in 40 CFR Part 260.10, and discharged to a POTW/sewerage agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☐ 4. The waste is treated in a totally enclosed treatment facility as defined in 40 CFR Part 260.10; 40 CFR 264.1(g)(5).
- ☐ 5. The company generates no more than 100 kg (approximately 27 gallons) of hazardous waste in a calendar month and is eligible as a federal conditionally exempt small quantity generator. 40 CFR 260.10 and 40 CFR 261.5.
- ☐ 6. The waste is treated in an accumulation tank or container within 90 days for over 1000 kg/month generators and 180 or 270 days for generators of 100 to 1000 kg/month. 40 CFR 262.34, 40 CFR 270.1(c)(2)(i), and the Preamble to the March 24, 1986 Federal Register.
- ☐ 7. Recyclable materials are reclaimed to recover economically significant amounts of silver or other precious metals. 40 CFR 261.6(a)(2)(iv), 40 CFR 264.1(g)(2), and 40 CFR 266.70.
- ☐ 8. Empty container rinsing and/or treatment. 40 CFR 261.7.
- ☐ 9. Other: Specify: _____

**PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only**
(pursuant to Title 22, California Code of Regulations, Chapter 45)

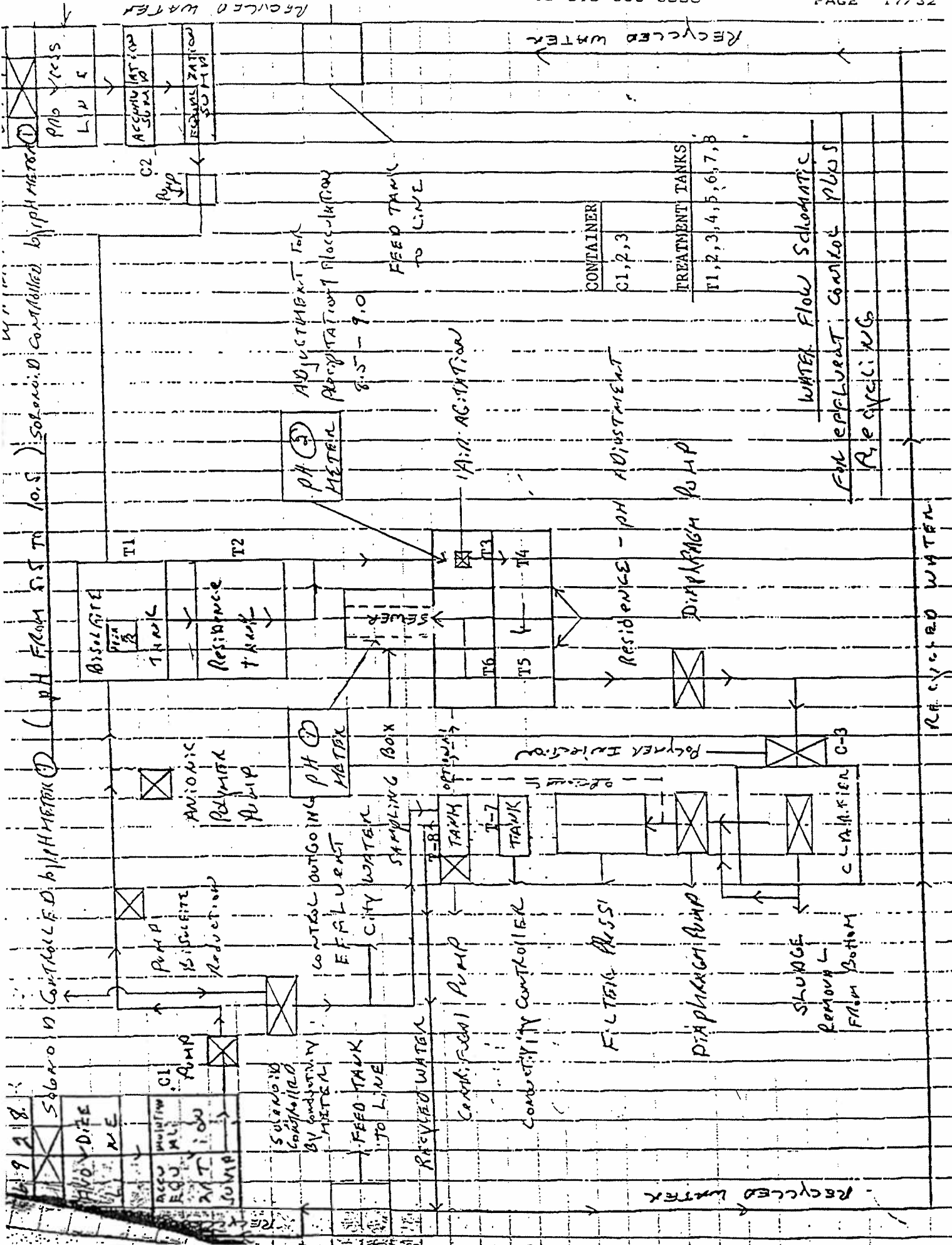
V. UNIT OWNER INFORMATION, ONLY IF DIFFERENT FROM GENERATOR

OWNER NAME _____
STREET _____
CITY _____ STATE _____ ZIP _____ COUNTRY _____
(only complete if not USA)
CONTACT PERSON _____ PHONE NUMBER () _____
(first name) (last name)

VI. ATTACHMENTS:

- ☒ A. A certification specifying the local agencies that have been notified of the operation. (Mandatory)
- ☐ B. Documentation that the facility operator has notified the property owner of the operation of the unit.
(Required only when the property owner is different from the generator/operator.)
- ☒ Check this box if the generator is also the property owner.
- ☒ C. A brief description of how the treatment unit operates (ie., continuous, batch, intermittent, etc.).
The manufacturer's operation specification sheet can be used to satisfy this requirement. (Mandatory)
- ☒ D. The tank and/or containment system certifications required by title 22, CCR, sections 66264.175(c) for containers and containment systems and 66265.191(2) and 66265.192(2) for tanks. (Mandatory, although the type of certification depends on the type of treatment unit, either tank or container.)

The Tier-Specific Factsheets contain a summary of the operating requirements for this category.
Please review those requirements carefully before completing or submitting this notification package.



PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION

For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

UNIT NAME CUSTOM COATING RESIN MIXING

UNIT ID NUMBER 3

NUMBER OF TREATMENT DEVICES: NA Tank(s)

1 Container(s)

Each unit must be clearly identified and labeled on the plot plan attached to Form 1772. Assign your own unique number to each unit. The number can be sequential (1, 2, 3) or you may use any system you choose.

This form is to be used by all fixed Permit by Rule (PBR) units only. The Onsite Hazardous Waste Treatment Form combined with this unit specific notification supercedes DTSC Forms 8462A and 8462B. Do not use any part of DTSC 1772 for PBR Transportable Treatment Units (TTUs). TTUs must continue to use DTSC Forms 8429 and 8429A, as modified for AB 1772.

The wastestreams treated must be limited to those listed in title 22, CCR, section 67450.11, which are also listed below.

Enter the estimated monthly total volume of hazardous waste treated by this unit. This should be the maximum or highest amount treated in any month. Indicate in the narrative (Section II) if your operations have seasonal variations.

I. WASTESTREAMS AND TREATMENT PROCESSES:

Estimated Monthly Total Volume Treated: _____ pounds and/or 10 gallons

The following are the eligible wastestreams and treatment processes. Please check all applicable boxes:

1. Aqueous wastes containing hexavalent chromium may be treated by the following process:

☐ a. Reduction of hexavalent chromium to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous sulfate, ferrous sulfide or sulfur dioxide provided both pH and addition of the reducing agent are automatically controlled.

2. Aqueous wastes containing metals listed in Title 22, CCR, section 66261.24 (a)(2) and/or fluoride salts may be treated by the following technologies:

☐ a. pH adjustment or neutralization.

☐ b. Precipitation or crystallization.

☐ c. Phase separation by filtration, centrifugation, or gravity settling.

☐ d. Ion exchange.

☐ e. Reverse osmosis.

☐ f. Metallic replacement.

☐ g. Plating the metal onto an electrode.

☐ h. Electrodialysis.

☐ i. Electrowinning or electrolytic recovery.

☐ j. Chemical stabilization using silicates and/or cementitious types of reactions.

☐ k. Evaporation.

☐ l. Adsorption.

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only

(pursuant to Title 22, California Code of Regulations, Chapter 45)

3. Aqueous wastes with total organic carbon less than ten percent as measured by EPA Method 9060 and less than one percent total volatile organic compounds as measured by EPA Method 8240 may be treated by the following technologies:
- ☐ a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
 - ☐ b. Adsorption.
 - ☐ c. Distillation.
 - ☐ d. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.
 - ☐ e. Photodegradation using ultraviolet light, with or without the addition of hydrogen peroxide or ozone, provided the treatment is conducted in an enclosed system.
 - ☐ f. Air stripping or steam stripping.
4. Sludges, dusts, solid metal objects and metal workings which contain or are contaminated with metals listed in Title 22, CCR, section 66261.24 (a)(2) and/or fluoride salts may be treated by the following technologies:
- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
 - ☐ b. Physical processes which change only the physical properties of the waste such as grinding, shredding, crushing, or compacting.
 - ☐ c. Drying to remove water.
 - ☐ d. Separation based on differences in physical properties such as size, magnetism or density.
5. Alum, gypsum, lime, sulfur or phosphate sludges may be treated by the following technologies:
- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
 - ☐ b. Drying to remove water.
 - ☐ c. Phase separation by filtration, centrifugation or gravity settling.
6. Wastes identified in Title 22, CCR, section 66261.120, that meet the criteria and requirements for special waste classification in Section 66261.122 may be treated by the following technologies:
- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
 - ☐ b. Drying to remove water.
 - ☐ c. Phase separation by filtration, centrifugation or gravity settling.
 - ☐ d. Screening to separate components based on size.
 - ☐ e. Separation based on differences in physical properties such as size, magnetism or density.

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only

(pursuant to Title 22, California Code of Regulations, Chapter 45)

7. Wastes, except asbestos, which have been classified by the Department as special wastes pursuant to Title 22, CCR, section 66261.124, may be treated by the following technologies:
- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
 - ☐ b. Drying to remove water
 - ☐ c. Phase separation by filtration, centrifugation or gravity settling.
 - ☐ d. Magnetic separation.
8. Inorganic acid or alkaline wastes may be treated by the following technology:
- ☐ a. pH adjustment or neutralization.
9. Soils contaminated with metals listed in Title 22, CCR, section 66261.24 (a)(2), (Persistent and Bioaccumulative Toxic Substances) may be treated by the following technologies:
- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
 - ☐ b. Screening to separate components based on size.
 - ☐ c. Magnetic separation.
10. Used oil, unrefined oil waste, mixed oil, oil mixed with water and oil/water separation sludges may be treated by the following technologies:
- ☐ a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
 - ☐ b. Distillation.
 - ☐ c. Neutralization.
 - ☐ d. Separation based on differences in physical properties such as size, magnetism or density.
 - ☐ e. Reverse osmosis.
 - ☐ f. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.
11. Containers of 110 gallons or less capacity which are not constructed of wood, paper, cardboard, fabric, or any other similar absorptive material, which have been emptied as specified in Title 40 of the Code of Federal Regulations, section 261.7 or inner liners removed from empty containers that once held hazardous waste or hazardous material and which are not excluded from regulation may be treated by the following technologies provided the treated containers and rinseate are managed in compliance with applicable requirements:
- ☐ a. Rinsing with a suitable liquid capable of dissolving or removing the hazardous constituents which the container held.
 - ☐ b. Physical processes such as crushing, shredding, grinding or puncturing, that change only the physical properties of the container or inner liner, provided the container or inner liner is first rinsed and the rinseate is removed from the container or inner liner.

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PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

Multi-component resins may be treated by the following process:

- a. Mixing the resin components together in accordance with the manufacturer's instructions.

NARRATIVE DESCRIPTIONS: Provide a brief description of the specific waste treated and the treatment process used.

1. SPECIFIC WASTE TYPES TREATED: CUSTOM COATING MIXTURES OR RESINS

2. TREATMENT PROCESS(ES) USED: COMBINED FOR SHIPMENT OFF SITE

I. RESIDUAL MANAGEMENT: Check Yes or No to each question as it applies to all residuals from this treatment unit.

ES NO

☐ ☒ 1. Do you discharge non-hazardous aqueous waste to a publicly owned treatment works (POTW)/sewer?

☐ ☒ 2. Do you discharge non-hazardous aqueous waste under an NPDES permit?

☒ ☐ 3. Do you have your residual hazardous waste hauled offsite by a registered hazardous waste hauler?
If you do, where is the waste sent? Check all that apply.

☒ a. Offsite recycling

☐ b. Thermal treatment

☐ c. Disposal to land

☒ d. Further treatment

☐ ☒ 4. Do you dispose of non-hazardous solid waste residues at an offsite location?

☐ ☐ 5. Other method of disposal. Specify: _____

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT:

In order to demonstrate eligibility for one of the onsite treatment tiers, facilities are required to provide the basis for determining that a hazardous waste permit is not required under the federal Resource Conservation and Recovery Act (RCRA) and the federal regulations adopted under RCRA (Title 40, Code of Federal Regulations (CFR)).

Choose the reason(s) that describe the operation of your onsite treatment units:

- ☐ 1. The hazardous waste being treated is not a hazardous waste under federal law although it is regulated as a hazardous waste under California state law.
- ☐ 2. The waste is treated in wastewater treatment units (tanks), as defined in 40 CFR Part 260.10, and discharged to a publicly owned treatment works (POTW)/sewering agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☐ 3. The waste is treated in elementary neutralization units, as defined in 40 CFR Part 260.10, and discharged to a POTW/sewering agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☐ 4. The waste is treated in a totally enclosed treatment facility as defined in 40 CFR Part 260.10; 40 CFR 264.1(g)(5).
- ☐ 5. The company generates no more than 100 kg (approximately 27 gallons) of hazardous waste in a calendar month and is eligible as a federal conditionally exempt small quantity generator. 40 CFR 260.10 and 40 CFR 261.5.
- ☒ 6. The waste is treated in an accumulation tank or container within 90 days for over 1000 kg/month generators and 180 or 270 days for generators of 100 to 1000 kg/month. 40 CFR 262.34, 40 CFR 270.1(c)(2)(i), and the Preamble to the March 24, 1986 Federal Register.
- ☐ 7. Recyclable materials are reclaimed to recover economically significant amounts of silver or other precious metals. 40 CFR 261.6(a)(2)(iv), 40 CFR 264.1(g)(2), and 40 CFR 266.70.
- ☐ 8. Empty container rinsing and/or treatment. 40 CFR 261.7.
- ☐ 9. Other: Specify: _____

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

UNIT OWNER INFORMATION, ONLY IF DIFFERENT FROM GENERATOR

OWNER NAME _____

STREET _____

CITY _____

STATE _____

ZIP _____

COUNTRY _____

(only complete if not USA)

CONTACT PERSON _____

(first name)

(last name)

PHONE NUMBER () _____

I. ATTACHMENTS:

- ☒ A. A certification specifying the local agencies that have been notified of the operation. (Mandatory)
- ☐ B. Documentation that the facility operator has notified the property owner of the operation of the unit.
(Required only when the property owner is different from the generator/operator.)
- ☒ Check this box if the generator is also the property owner.
- ☒ C. A brief description of how the treatment unit operates (i.e., continuous, batch, intermittent, etc.).
The manufacturer's operation specification sheet can be used to satisfy this requirement. (Mandatory)
- ☒ D. The tank and/or containment system certifications required by title 22, CCR, sections 66264.175(c) for containers and containment systems and 66265.191(a) and 66265.192(a) for tanks. (Mandatory, although the type of certification depends on the type of treatment unit, either tank or container.)

The Tier-Specific Factsheets contain a summary of the operating requirements for this category.
Please review those requirements carefully before completing or submitting this notification package.

- C. RESIDUAL RESINS FROM 1 OR 5 GALLON CONTAINERS ARE STIRRED, POURED INTO A CONTAINER (USUALLY A (55) GALLON DRUM) CONTAINING EQUIVALENT MATERIALS. THE 1 OR 5 GALLON CONTAINERS ARE TRIPLE RINSED. THE RESULTANT (55) GALLON DRUM IS TAGGED IN ACCORDANCE WITH HAZARDOUS WASTE RULES FOR DISPOSAL BY A LICENSED WASTE DISPOSAL ENTITY.

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only

(pursuant to Title 22, California Code of Regulations, Chapter 45)

UNIT NAME BATCH TREATMENT OF PROCESSING CHEMICALS

UNIT ID NUMBER 4

NUMBER OF TREATMENT DEVICES: 1 Tank(s)

0 Container(s)

Each unit must be clearly identified and labeled on the plot plan attached to Form 1772. Assign your own unique number to each unit. The number can be sequential (1, 2, 3) or you may use any system you choose.

This form is to be used by all fixed Permit by Rule (PBR) units only. The Onsite Hazardous Waste Treatment Form combined with this unit specific notification supercedes DTSC Forms 8462A and 8462B. Do not use any part of DTSC 1772 for PBR Transportable Treatment Units (TTUs). TTUs must continue to use DTSC Forms 8429 and 8429A, as modified for AB 1772.

The wastestreams treated must be limited to those listed in title 22, CCR, section 67450.11, which are also listed below.

Enter the estimated monthly total volume of hazardous waste treated by this unit. This should be the maximum or highest amount treated in any month. Indicate in the narrative (Section II) if your operations have seasonal variations.

L. WASTESTREAMS AND TREATMENT PROCESSES:

Estimated Monthly Total Volume Treated: _____ pounds and/or 500 gallons

The following are the eligible wastestreams and treatment processes. Please check all applicable boxes:

1. Aqueous wastes containing hexavalent chromium may be treated by the following process:

- ☒ a. Reduction of hexavalent chromium to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous sulfate, ferrous sulfide or sulfur dioxide provided both pH and addition of the reducing agent are automatically controlled.

2. Aqueous wastes containing metals listed in Title 22, CCR, section 66261.24 (a)(2) and/or fluoride salts may be treated by the following technologies:

- ☒ a. pH adjustment or neutralization.
- ☒ b. Precipitation or crystallization.
- ☒ c. Phase separation by filtration, centrifugation, or gravity settling.
- ☐ d. Ion exchange.
- ☐ e. Reverse osmosis.
- ☐ f. Metallic replacement.
- ☐ g. Plating the metal onto an electrode.
- ☐ h. Electrodialysis.
- ☐ i. Electrowinning or electrolytic recovery.
- ☐ j. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☒ k. Evaporation.
- ☐ l. Adsorption.

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION

For Fixed Treatment Units Only

(pursuant to Title 22, California Code of Regulations, Chapter 45)

Aqueous wastes with total organic carbon less than ten percent as measured by EPA Method 9060 and less than one percent total volatile organic compounds as measured by EPA Method 8240 may be treated by the following technologies:

- a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
- b. Adsorption.
- c. Distillation.
- d. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.
- e. Photodegradation using ultraviolet light, with or without the addition of hydrogen peroxide or ozone, provided the treatment is conducted in an enclosed system.
- f. Air stripping or steam stripping.

Sludges, dusts, solid metal objects and metal workings which contain or are contaminated with metals listed in Title 22, CCR, section 66261.24 (a)(2) and/or fluoride salts may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Physical processes which change only the physical properties of the waste such as grinding, shredding, crushing, or compacting.
- ☒ c. Drying to remove water.
- ☐ d. Separation based on differences in physical properties such as size, magnetism or density.

Alum, gypsum, lime, sulfur or phosphate sludges may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Drying to remove water.
- ☐ c. Phase separation by filtration, centrifugation or gravity settling.

5. Wastes identified in Title 22, CCR, section 66261.120, that meet the criteria and requirements for special waste classification in Section 66261.122 may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Drying to remove water.
- ☐ c. Phase separation by filtration, centrifugation or gravity settling.
- ☐ d. Screening to separate components based on size.
- ☐ e. Separation based on differences in physical properties such as size, magnetism or density.

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only

(pursuant to Title 22, California Code of Regulations, Chapter 45)

7. Wastes, except asbestos, which have been classified by the Department as special wastes pursuant to Title 22, CCR, section 66261.124, may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Drying to remove water
- ☐ c. Phase separation by filtration, centrifugation or gravity settling.
- ☐ d. Magnetic separation.

8. Inorganic acid or alkaline wastes may be treated by the following technology:

- ☒ a. pH adjustment or neutralization.

9. Soils contaminated with metals listed in Title 22, CCR, section 66261.24 (a)(2), (Persistent and Bioaccumulative Toxic Substances) may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Screening to separate components based on size.
- ☐ c. Magnetic separation.

10. Used oil, unrefined oil waste, mixed oil, oil mixed with water and oil/water separation sludges may be treated by the following technologies:

- ☐ a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
- ☐ b. Distillation.
- ☐ c. Neutralization.
- ☐ d. Separation based on differences in physical properties such as size, magnetism or density.
- ☐ e. Reverse osmosis.
- ☐ f. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.

11. Containers of 110 gallons or less capacity which are not constructed of wood, paper, cardboard, fabric, or any other similar absorptive material, which have been emptied as specified in Title 40 of the Code of Federal Regulations, section 261.7 or inner liners removed from empty containers that once held hazardous waste or hazardous material and which are not excluded from regulation may be treated by the following technologies provided the treated containers and rinseate are managed in compliance with applicable requirements:

- ☐ a. Rinsing with a suitable liquid capable of dissolving or removing the hazardous constituents which the container held.
- ☐ b. Physical processes such as crushing, shredding, grinding or puncturing, that change only the physical properties of the container or inner liner, provided the container or inner liner is first rinsed and the rinseate is removed from the container or inner liner.

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only

(pursuant to Title 22, California Code of Regulations, Chapter 45)

12. Multi-component resins may be treated by the following process:

- ☐ a. Mixing the resin components together in accordance with the manufacturer's instructions.

II. NARRATIVE DESCRIPTIONS: Provide a brief description of the specific waste treated and the treatment process used.

1. SPECIFIC WASTE TYPES TREATED: METAL TREATMENT CHEMICALS

2. TREATMENT PROCESS(ES) USED: EQUALIZATION, PH ADJUSTMENT PRECIPITATION, EVALUATION, FILTERING

III. RESIDUAL MANAGEMENT: Check Yes or No to each question as it applies to all residuals from this treatment unit.

YES NO

☒ ☐ 1. Do you discharge non-hazardous aqueous waste to a publicly owned treatment works (POTW)/sewer?

☐ ☒ 2. Do you discharge non-hazardous aqueous waste under an NPDES permit?

☒ ☐ 3. Do you have your residual hazardous waste hauled offsite by a registered hazardous waste hauler?
If you do, where is the waste sent? Check all that apply.

- ☒ a. Offsite recycling
☐ b. Thermal treatment
☐ c. Disposal to land
☐ d. Further treatment

☐ ☒ 4. Do you dispose of non-hazardous solid waste residues at an offsite location?

☐ ☐ 5. Other method of disposal. Specify: _____

PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION
For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45)

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT:

In order to demonstrate eligibility for one of the onsite treatment tiers, facilities are required to provide the basis for determining that a hazardous waste permit is not required under the federal Resource Conservation and Recovery Act (RCRA) and the federal regulations adopted under RCRA (Title 40, Code of Federal Regulations (CFR)).

Choose the reason(s) that describe the operation of your onsite treatment units:

- ☐ 1. The hazardous waste being treated is not a hazardous waste under federal law although it is regulated as a hazardous waste under California state law.
- ☐ 2. The waste is treated in wastewater treatment units (tanks), as defined in 40 CFR Part 260.10, and discharged to a publicly owned treatment works (POTW)/sewerage agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☐ 3. The waste is treated in elementary neutralization units, as defined in 40 CFR Part 260.10, and discharged to a POTW/sewerage agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☐ 4. The waste is treated in a totally enclosed treatment facility as defined in 40 CFR Part 260.10; 40 CFR 264.1(g)(5).
- ☐ 5. The company generates no more than 100 kg (approximately 27 gallons) of hazardous waste in a calendar month and is eligible as a federal conditionally exempt small quantity generator. 40 CFR 260.10 and 40 CFR 261.5.
- ☒ 6. The waste is treated in an accumulation tank or container within 90 days for over 1000 kg/month generators and 180 or 270 days for generators of 100 to 1000 kg/month. 40 CFR 262.34, 40 CFR 270.1(c)(2)(i), and the Preamble to the March 24, 1986 Federal Register.
- ☐ 7. Recyclable materials are reclaimed to recover economically significant amounts of silver or other precious metals. 40 CFR 261.6(a)(2)(iv), 40 CFR 264.1(g)(2), and 40 CFR 266.70.
- ☐ 8. Empty container rinsing and/or treatment. 40 CFR 261.7.
- ☐ 9. Other: Specify: _____

**PERMIT BY RULE
UNIT SPECIFIC NOTIFICATION**

(For Fixed Treatment Units Only
(pursuant to Title 22, California Code of Regulations, Chapter 45))

V. UNIT OWNER INFORMATION, ONLY IF DIFFERENT FROM GENERATOR

OWNER NAME _____

STREET _____

CITY _____ STATE _____ ZIP _____ COUNTRY _____
(only complete if not USA)

CONTACT PERSON _____ PHONE NUMBER (____) _____
(first name) (last name)

VI. ATTACHMENTS:

- ☒ A. A certification specifying the local agencies that have been notified of the operation. (Mandatory)
- ☐ B. Documentation that the facility operator has notified the property owner of the operation of the unit.
(Required only when the property owner is different from the generator/operator.)
- ☒ Check this box if the generator is also the property owner.
- ☒ C. A brief description of how the treatment unit operates (ie., continuous, batch, intermittent, etc.).
The manufacturer's operation specification sheet can be used to satisfy this requirement. (Mandatory)
- ☒ D. The tank and/or containment system certifications required by title 22, CCR, sections 66264.175(c) for containers
and containment systems and 66265.191(a) and 66265.192(a) for tanks. (Mandatory, although the type of
certification depends on the type of treatment unit, either tank or container.)

The Tier-Specific Factsheets contain a summary of the operating requirements for this category.
Please review those requirements carefully before completing or submitting this notification package.

PH ADJUSTMENT, FLOCCULATION, DECANTING, SLUDGE REMOVAL, DEWATERING.



P.O. BOX 2400 • 2801 KENT AVENUE • WEST LAFAYETTE, INDIANA 47906

PHONE: (317) 497-6346 • FAX: (317) 497-6348

Manufacturing Plants:

** 6940 Farmdale Avenue
North Hollywood, CA 91605
(213) 875-0101

2390 Pecan Court
Fort Worth, TX 76117
(817) 834-8317

Processing Plants:

875 Maude Avenue
Mountain View, CA 94043
(415) 961-5865

6940 Farmdale Avenue
North Hollywood, CA 91605
(213) 875-0101

12555 East 37th Avenue
Denver, CO 80239
(303) 371-6771

One John Downey Drive
New Britain, CT 06051
(203) 224-9148

129 Eisenhower Lane South
Lombard, IL 60148
(708) 620-6608

29 Sword Street
Auburn, MA 01501
(508) 792-6919

16470 East Thirteen Mile Road
Roseville, MI 48066
(313) 779-6460

2172 Old Highway 8
New Brighton, MN 55112
(612) 780-3202

900 Caloon Hook Road
Sharon Hill, PA 19079
(215) 461-1015

6525 Midway Road
Fort Worth, TX 76117
(817) 834-8817

March 30, 1993

To Whom It May Concern:

Be advised that E/M Corporation has advised all the necessary regulatory agencies of the nature of our business.

Yours truly,

E/M CORPORATION

A handwritten signature in dark ink, appearing to read 'Raymond Krishock'.

Raymond Krishock
Corporate Staff Engineer

RK:wc

* Please
reply to
this address

A Subsidiary Of Great Lakes Chemical Corporation

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605

LATITUDE 34°11'
LONGITUDE 118°22'
ELEVATION 710'

2" MAIN WATER
SUPPLY

PROPERTY LINE

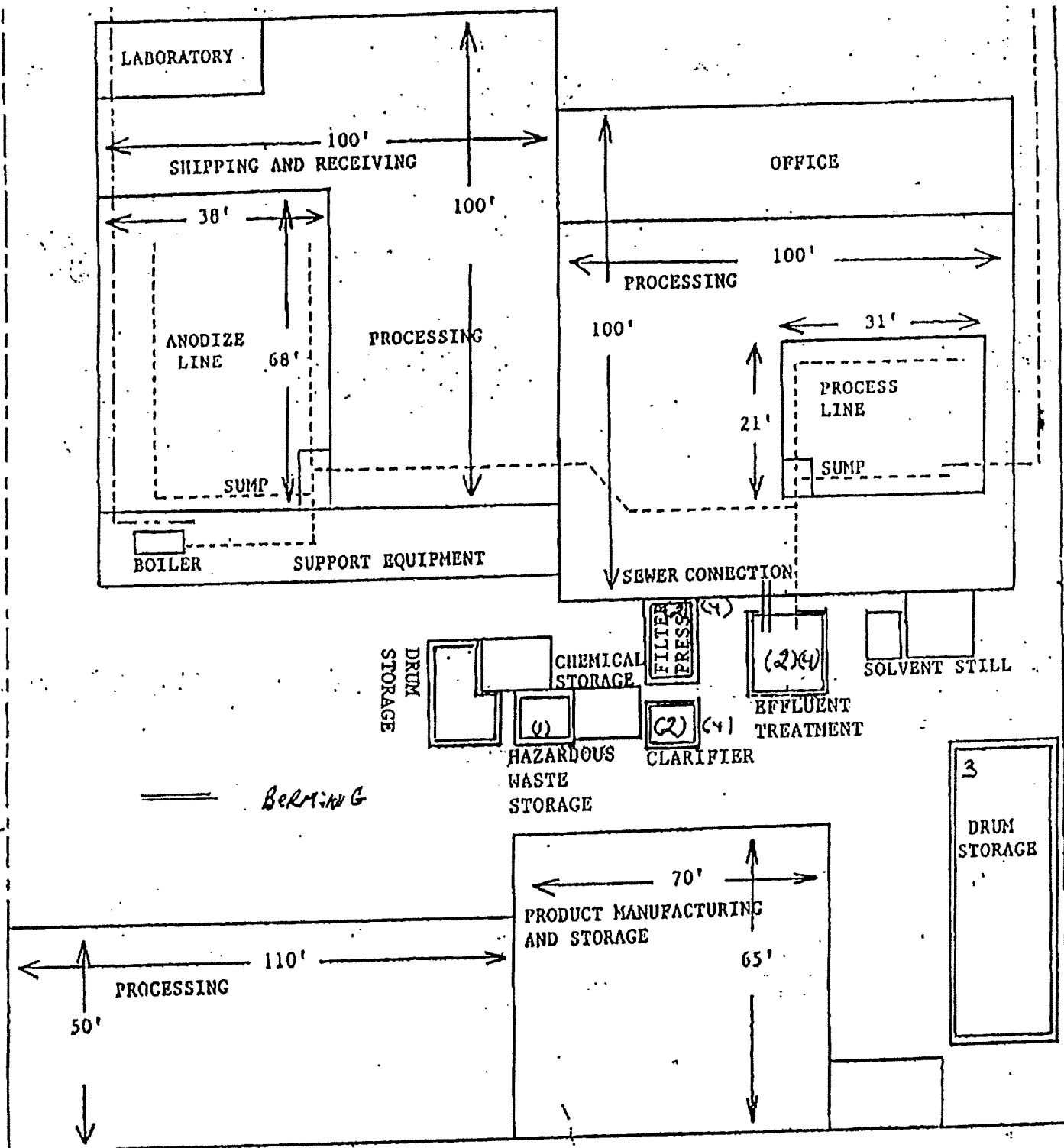
6" WASTE WATER-
LINE (ABOVE
GROUND)

WATER METERS

DRAWN BY: *[Signature]*
DATE: 9-17-90

REVIEWED BY: *[Signature]*
DATE: 9/17/90

DRAWING NO. 1



Berming

3
DRUM
STORAGE

HART STREET

August 4, 1992

E M Lubricant
6940 Farmdale Ave.
North Hollywood, CA 91605

Attention: Ray Krishock

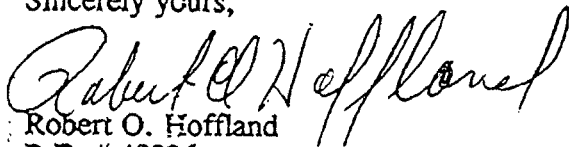
Dear Mr. Krishock:

I have reviewed the E M Lubricant facility at 6940 Farmdale Ave., North Hollywood, California 91605 and found that:

1. The process tanks are constructed to Permit by Rule Standards.
2. The process tanks are all located in a secondary containment area as required by the "Permit by Rule Standard".

Should you require additional data or information please feel free to call.

Sincerely yours,


Robert O. Hoffland
P.E. # 48236

HF125 E.M. Lub. Ltd.

ACS Environmental

303 Silver Spring Road • Conroe, Texas 77303 • (409) 856-4515 • Fax (409) 856-4589

OCT 28 '96 18:40

8185030998

PAGE. 32

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P STREET, 4TH FLOOR

P.O. BOX 806

SACRAMENTO, CA 95812-0806

(916) 324-2423



April 7, 1995

EPA ID: CAD091719450

E/M CORP
RAYMOND KRISHOCK
6940 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605-6286

For facility located at:

6940 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605-6286

Authorization Date: 07/14/93

Dear Onsite Treatment Facility:

1995 RENEWAL OF AUTHORIZATION TO OPERATE A FIXED TREATMENT UNIT PURSUANT TO PERMIT
BY RULE AND ACKNOWLEDGEMENT OF UNIT(S) OPERATING UNDER CONDITIONAL AUTHORIZATION
AND/OR CONDITIONAL EXEMPTION

The Department of Toxic Substances Control (DTSC) has received your 1995 facility-specific renewal notification form. Your notifications are administratively complete, but have not been reviewed for technical adequacy. A technical review of your notifications will be conducted when an inspection is performed. At any time, you may be inspected and will be subject to penalty if violations of laws or regulations are found.

Pursuant to Title 22, California Code of Regulations (CCR), section 67450.2(b), you are hereby authorized to operate the fixed treatment unit(s) listed on the last page of this letter pursuant to Permit by Rule. Your authorization to operate under Permit by Rule expires on March 1, 1996. You will receive a renewal package later this calendar year.

As set forth in Title 22, CCR, section 67450.9(c), this authorization of the Permit by Rule (PBR) unit(s) is contingent upon the accuracy of information submitted by you in the notifications mentioned above. Any misrepresentation or any failure to fully disclose all relevant facts shall render this authorization to operate null and void.

Units operating under Conditional Authorization (CA) or Conditional Exemption (CE) are authorized by California law without additional Department action, pursuant to Health and Safety Code sections 25200.3 and 25201.5. Annual renewal is not required for the units operating under these permitting tiers. Your authorization to operate all of these units continues until you notify DTSC that you have stopped treating waste and have fully closed the unit(s).

You will be charged annual fees calculated on a calendar year basis for each year you operate and have not notified DTSC that you have closed the unit. Under PBR, facilities are required to implement the closure plan and close the PBR treatment units(s) within 90 days of treating the last volume of hazardous waste (Title 22, CCR 67450.3(c)(11)(D)). You are also required to notify the DTSC 15 days prior to the completion of the closure of any PBR unit or facility (Title 22, CCR 67450.3(c)(11)(F)). The facility must stay in compliance with all regulations until the certification required by Title 22, CCR 67450.3(c)(11)(G) is submitted.

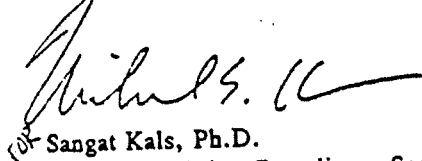
Under Conditional Authorization and Conditional Exemption, you are also required to properly close any treatment unit.



Page 2

If you have any questions regarding this letter, or have questions on operating requirements for your facility, please contact the nearest DTSC regional office, or this office at the letterhead address or phone number.

Sincerely,



for Michael S. Kals, Ph.D.
Tiered Permitting Compliance Section
State Regulatory Program Division

Enclosure

cc: ROY YEAMAN
DTSC REGION 3 OFFICE
SURVEILLANCE & ENFORCEMENT BR.
1011 GRANDVIEW AVENUE
GLENDALE, CA 91201

PAUL LISAK
LOS ANGELES COUNTY
HEALTH/HAZMAT DIVISION
5825 RICKENBACKER ROAD
COMMERCE, CA 90040

ENCLOSURE 1

Units authorized to operate at this location:

UNDER PERMIT BY RULE:

1 2 3 4

UNDER CONDITIONAL AUTHORIZATION:

UNDER CONDITIONAL EXEMPTION:

**E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605
CAD091719450**

**CLOSURE PLAN
TIERED PERMITTED FACILITY**

PERMIT BY RULE UNIT #1
PERMIT BY RULE UNIT #2
PERMIT BY RULE UNIT #3
PERMIT BY RULE UNIT #4

DISPOSAL OF COATING MATERIAL CONTAINERS
PROCESSING WATER TREATMENT SYSTEM
MULTI-COMPONENT RESIN DISPOSAL
BATCH TREATMENT PROCESSING CHEMICALS

PREPARED BY: JENNIFER HOLDEN
DATED: DECEMBER 8, 1994

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605
CAD091719450

TIERED PERMITTED FACILITY
CLOSURE PLAN

PERMIT BY RULE
UNIT #1

DISPOSAL OF COATING MATERIAL CONTAINERS

A. INTRODUCTION:

Upon closure of this unit all remaining coating material containers will be properly triple rinsed with appropriate rinsate, crushed and disposed per local regulations.

The rinsate used to treat containers is contained and treated on-site or manifested and disposed of off-site. All rags used in treatment of containers are properly packaged and disposed of according to current regulations.

The storage/treatment area will be surrounded with temporary berms and steam cleaned. All waste water generated during decontamination of this unit will be pumped into drums and sampled to determine proper treatment/disposal method.

Samples will be taken of storage/treatment area to verify that all contamination has been removed.

B. MAXIMUM INVENTORY ESTIMATES:

Maximum hazardous waste in all containers at time of closure: none

Maximum hazardous waste in all tanks at time of closure: none

Maximum hazardous waste stored in other areas of facility: 30 - 5 gallon cans,
20 - 1 gallon cans

Waste generated from decontamination of containers and container areas: none

Waste generated from decontamination of tanks and tank areas: none

B. MAXIMUM INVENTORY ESTIMATES (cont.)

Waste generated from decontamination of all other waste storage/treatment areas:

Concrete containment area: 11 ft x 8.5 ft = 93.5 sq. feet

at 4 gallons washwater per sq. foot = 374 gallons washwater

Waste generated from decontamination of all other areas:

Diaphragm Pump, 2" with 30' hose = 50 gallons

C. WASTE REMOVAL/TREATMENT

The final batch of waste will be processed through the facility's process as described in this unit's instructions.

D. DECONTAMINATION PROCEDURES:

See attached site map for location of storage/treatment area.

Concrete Floor, 11 ft x 8.5 ft

This area will be steam cleaned.

A portable steam cleaner will be rented for this purpose.

Diaphragm Pump, 2" with 30' hose

Pump will be decontaminated with cleaning solution using a high pressure washer.

A portable pressure washer will be rented for this purpose.

E. SAMPLING PROCEDURES

Structures/Buildings:

Concrete Floor -

One composite sample will be taken using the Chip Sampling Method.

Sample will be collected on a grid pattern.

If any obviously stained areas exist, an additional composite *may* be collected from that area.

Volatile Organic Compounds -

Volatile organic compounds *may* be present in this area.

An organic vapor analyzer (OVA) will be used as a field screening technique to determine if VOC's are present.

If elevated levels are found, one sample will be collected and analyzed.

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA
91605

LATITUDE 34°11'
LONGITUDE 118°22'
ELEVATION 710'

2" MAIN WATER
SUPPLY

PROPERTY LINE

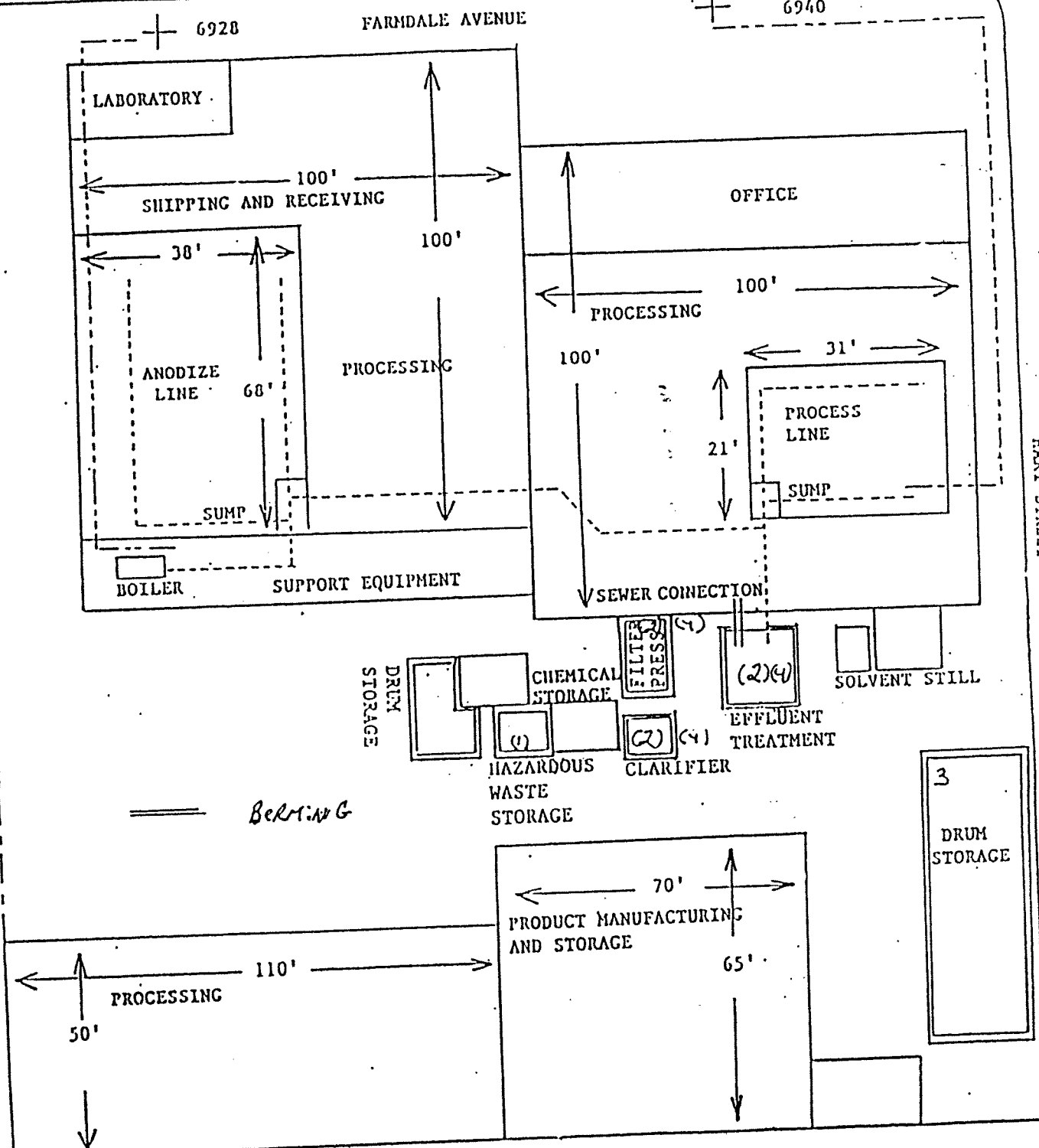
6" WASTE WATER-
LINE (ABOVE
GROUND)

WATER METERS

DRAWN BY: *David Brown*
DATE: 9-17-90

REVIEWED BY: *David Brown*
DATE: 9/17/90

DRAWING NO. 1



E. SAMPLING PROCEDURES (cont.)

Ancillary Equipment:

Diaphragm Pump -

One Equipment Blank sample will be collected. In accordance with EPA protocol, deionized water will be flushed throughout the equipment and analyzed for constituents of concern. This method was chosen to verify removal of contaminants from crevasses, blind holes, etc. of internal areas.

Washwater/Residue Generated from Closure Activities:

One composite sample of washwater will be taken to determine hazardous constituents and proper treatment/disposal method.

F. CONFIRMATION SOIL SAMPLING PLAN

No soil sampling will be conducted in association with this Permit By Rule unit. This unit is located within a Federal Superfund Site. Soil contamination has been confirmed to be present prior to the opening of this PBR unit and therefore soil sampling to detect contamination at this area would be inconclusive and unnecessary.

We believe that any contamination within this facility was created by sources unknown, (potentially off-site sources). All units are within secondary containment and these units are not contributing to any possible contamination.

G. ANALYTICAL TEST METHODS

<u>Constituent</u>	<u>Preparation Method</u>	<u>Analysis Method</u>	<u>Detection Limit</u>
<i>Water:</i>			
Antimony	3005	6010	.036 mg/l
Chromium III	3060	7196	.005 mg/l
Chromium VI	3060	7196	.005 mg/l
Lead	3005	7421	.002 mg/l
VOC	3060	8240	.005 mg/l
<i>Concrete and Wipe Samples:</i>			
Lead	3050	7420	0.2 mg/kg
Antimony	3050	6010	3.6 mg/kg
Chromium VI	3060	7196	0.5 mg/kg
Chromium III	3060	7196	0.5 mg/kg

G. ANALYTICAL TEST METHODS (cont.)

VOC: If elevated levels are found using an OVA, the collected sample will be analyzed using EPA SW-846 Method 8240 plus tentatively identified compounds.

H. CLOSURE COSTS ESTIMATE

	QUANTITY	COST/QUANTITY	TOTAL COST	
1. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:				
Waste in Containers:	0	N/A	\$ 0.00	
Waste in Tanks:	0	N/A	0.00	
Other Wastes:	1 drum	\$350.00	<u>\$ 350.00</u>	
			\$ 350.00	Sub Total
2. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:				
Containers:	0	N/A	\$ 0.00	
Tanks:	0	N/A	0.00	
Ancillary Equipment:	0	N/A	0.00	
Structures:	0	N/A	<u>0.00</u>	
			\$ 0.00	Sub Total
3. DECONTAMINATION COSTS:				
Tanks:	0	N/A	\$ 0.00	
Containers:	0	N/A	0.00	
Ancillary Equipment:	1	\$193.50	193.50	
Structures/Buildings:	1 area	\$259.50	259.50	
Additional Equipment:	0	N/A	0.00	
Removal/Disposal of Decontamination				
Waste Water:	8 drums	\$225.00	<u>1,800.00</u>	
			\$2,338.00	Sub Total
4. TRANSPORTATION COSTS:				
Figures incorporated in disposal costs (section 3)			\$ 0.00	
5. SAMPLING COSTS				
Containers:	0	N/A	0.00	
Tanks:	0	N/A	0.00	
Ancillary Equipment:	1 sample	\$205.00	\$ 205.00	
Structures/Buildings:	2 samples	various	\$ 670.00	
Soil:	0	N/A	0.00	
Washwater/Residue Generated from				
Closure Activities:	1	\$192.50	<u>\$ 192.50</u>	
			\$ 1,067.50	Sub Total
6. CLOSURE CERTIFICATION COSTS				
Complete Cost:			\$ 2,000.00	
Including:				
Preparation of Certification (clerical)				
Preparation of Certification by P.E.				
Inspection by Certified P.E.				
Review by Certified P.E.				
CLOSURE SUBTOTAL OF PARTS 1-6			<u>\$ 5,755.50</u>	
CONTINGENCY FACTOR (20% of Closure Subtotal)			<u>\$ 1,151.10</u>	
TOTAL:			\$ 6,906.60	

H. CLOSURE COST ESTIMATE (cont.)

WORKSHEET

1. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:

Other Wastes:

Maximum quantity can be placed in one drum and incinerated off-site
1 drum x \$350.00 (incl. transportation) = \$350.00

TOTAL REMOVAL/DISPOSAL/TREATMENT COSTS: \$350.00

3. DECONTAMINATION COSTS:

Structures:

Steam Cleaner required for decontamination of the following:

Concrete Containment Area - 93.5 sq. feet

At 4 gallons washwater per sq. foot =

374 gallons washwater = 7 drums

Cost of steam cleaner rental at local rental shop = \$85.00/day* \$ 85.00

*Per phone quote from Sam's U-Rent, Van Nuys, CA

Cost of cleaning solution, \$8.50/gallon at 2 oz./gallon water =
7 gallons solution = \$ 59.50

Labor, for decontaminating total area:

4 hours at \$50.00/hour \$200.00

\$344.50

Ancillary Equipment:

One Diaphragm Pump, 2" with 30' hose = 50 gallons washwater

Cost of pressure washer: \$85.00/day* \$ 85.00

Cost of cleaning solution \$8.50/gallon at 2 oz./gallon water =

1 gallon solution x \$8.50 = 8.50

Labor, for decontaminating pump: 2 hours at \$50.00/hour = 100.00

\$ 193.50

Removal/Disposal of Decontamination Waste Water:

Labor for pumping washwater into drums:

4 hours x \$50.00 = 200.00

8 drums waste wash water disposed off-site at

\$200.00/drum (incl. transportation) = \$1,600.00

\$1,800.00

TOTAL DECONTAMINATION COSTS: \$2,338.00

5. SAMPLING COSTS:

All analytical costs were obtained from PACE, Inc. of Huntington Beach, California.

Structures/Buildings:

Sub Total: \$670.00

Chip Samples -

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	1 hour	\$50.00	\$ 50.00
Travel/Prep	1 hour	\$50.00	<u>50.00</u>
			\$100.00

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Lead	1	\$30	\$30.00
Antimony	1	20	20.00
Chromium VI	1	40	40.00
Chromium III	1	40	<u>40.00</u>
			\$130.00

VOC -

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Rental OVA	1 day	\$100.00	\$100.00
Sampling	1 hour	\$ 50.00	50.00
Travel/Prep	1 hour	\$ 50.00	<u>50.00</u>
			\$200.00

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
VOC + TIC's	1	\$240	\$240.00

Ancillary Equipment:

Equipment Blank:

Sub Total: \$205.00

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	0.50 hours	\$50.00	\$25.00
Travel/Prep	1 hour	\$50.00	<u>50.00</u>
			\$75.00

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Lead	1	\$30	\$ 30.00
Antimony	1	20	20.00
Chromium VI	1	40	40.00
Chromium III	1	40	<u>40.00</u>
			\$130.00

Washwater/Residue Generated from Closure Activities:

Sub Total: \$192.50

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	0.25 hours	\$50.00	\$12.50
Travel/Prep	1 hour	\$50.00	<u>50.00</u>
			\$62.50

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Antimony	1	\$20	\$ 30.00
Lead	1	\$30	20.00
Chromium VI	1	\$40	40.00
Chromium III	1	\$40	<u>40.00</u>
			\$130.00

TOTAL SAMPLING COSTS: \$1,067.50

6. CLOSURE CERTIFICATION COSTS:

Closure Certification Costs		\$2,000.00
Including:	Preparation of Certification (clerical)	..
	Preparation of Certification by P.E.	
	Inspection by Certified P.E.	
	Review by Certified P.E.	

This total cost was provided by AquaTerra of Raleigh, North Carolina upon examination of complete closure plan for this specific PBR unit.

I. CLOSURE SCHEDULE

The Closure Plan will be implemented within 90 days of last activity associated with this unit and all Closure Plan activities will be completed within 180 days of that activity per regulations.

The expected year of closure is 2050 and closure activities are expected to take approximately thirty days.

The Department of Toxic Substances Control and any other agencies having jurisdiction over the closure project will be notified of closure activities at least 15 days prior to completion of closure activities.

J. HEALTH AND SAFETY PLAN

Will be available at time of closure.

K. EMERGENCY PLAN

Will be available at time of closure.

L. CLOSURE CERTIFICATION

Will be available at time of closure and will be submitted to DTSC by registered mail within 60 days of completion of closure activity. The certification will include:

1. Supervisory Personnel Description
Description of the person(s) or companies who were responsible for supervision of closure activities at the site, including transportation of waste and sample collection.
2. Summary of Closure Activities
Brief description of the main activities performed for each closure activity.
3. Field Engineer Observation Report
4. Sampling Data and Analysis
All sampling information such as sampling locations, soil boring log, chain of custody, analytical results, etc.
5. Discussion of Analytical Results
6. Manifests
Copies of manifests showing the disposition of the waste inventory.
7. Modifications and Amendments to Closure Plan.
8. Photographs

This certification will be conducted by an independent Professional Engineer and will be signed by both the owner or operator and an independent professional engineer registered in California.

Sampling Methods and Protocol
E/M Corporation
Closure Plan - North Hollywood Facility
December 8, 1994

1 Sample Collection and Analysis

Samples collected for laboratory analysis will be collected using steel sampling spoons or hand augers. Water samples will be collected using a disposable bailer or decontaminated glassware. Samples will be placed into laboratory provided containers appropriate for the parameters being analyzed and labeled with a minimum of the following information: sampler's name, date of collection, sample number, analysis to be performed, and project number. Samples will be stored and transported to the analytical laboratory in an insulated cooler chilled to approximately 4°C. To ensure sample integrity, all samples will be transported in accordance with EPA chain-of-custody protocol. A sample chain-of-custody form has been included.

Constituents of concern (COCs) include Chromium (IV). Special preparations must be made for water samples to be analyzed for this analyte since the holding time is only 24 hours. Samples will require immediate delivery to the laboratory and sampling activities should not be conducted on Fridays.

Composite samples will be collected from containment area walls and floors and other locations within each unit. Sampling will be conducted in accordance with methods outlined in EPA SW-846. In order to obtain representative samples, a grid will be developed at the time of sampling for each sample area. The grid will be numbered and sampling points will be chosen using a random number generator. Samples being analyzed for the presence of volatile organic compounds (VOCs) will not be composited.

Water samples will be composited by collecting discrete samples from each drum or tank with the use of a drum thief or disposable bailer. These samples will be then be placed in containers supplied by the laboratory, appropriate for the specified analysis.

2 Sample Collection Methods

2.1 Chip Samples

Composite and discrete samples will be collected from wood, concrete, and asphalt areas using the chip sampling method. This method will involve chipping off pieces of the material using a stainless steel hammer, concrete corer, or equivalent equipment until sufficient sample is collected. The sample will then be placed in laboratory provided sample containers appropriate for the specified analysis.

2.2 Wipe Samples

Composite and discrete samples will be collected using wipes provided by the laboratory for the specified analysis. The area to be sampled will be consistent among each composite sampling location and will be determined at the time of

sampling. Following sample collection, wipes will be placed in laboratory provided containers and transported and labeled in accordance with section 1 above.

2.3 *Equipment Blanks*

Equipment blanks will be collected and analyzed to confirm sample equipment decontamination effectiveness. The equipment blanks will be analyzed for the COCs which were believed to have come in contact with that particular piece of equipment. Deionized water will be run through and over pumps, hoses, and PVC piping and collected in jars provided by the laboratory, appropriate for the parameters being analyzed.

3 Field Decontamination

The decontamination procedures outlined below will be used for field equipment (e.g., hand augers, steel sampling spoons, hammers, etc.) that comes into direct contact with the material being sampled and that is used more than once at a particular site.

1. Phosphate-free soap (Alconox or equivalent) and distilled water rinse. (Note: if the equipment becomes contaminated with oils or other possible organic residues then the equipment will be washed with isopropyl alcohol.)
2. Triple distilled water rinse.



CHAIN-OF-CUSTODY RECORD
ANALYTICAL REQUEST

№ 2422

REPORT TO:

TURNAROUND: ☐ NORMAL ☐ 5-DAY ☐ OTHER (SPECIFY):

AFFILIATION/LOCATION:

REQUESTED DUE DATE:

PHONE:

P.O. # / BILLING REFERENCE:

SAMPLED BY (PRINT):

SAMPLER'S SIGNATURE:

[illegible]

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605
CAD091719450

TIERED PERMITTED FACILITY
CLOSURE PLAN

PERMIT BY RULE
UNIT #2

PROCESSING WATER TREATMENT SYSTEM

A. INTRODUCTION:

Upon closure of this unit all overflowing rinse tanks in both the process and anodize areas will be emptied and their contents treated through this unit as described in its instructions. The tanks will then be removed along with related piping.

Chrome reduction tanks will be dismantled and ORP meter detached for use elsewhere in facility, sold for profit or scrapped. Remaining sodium metabisulfite will be treated as retrograde material.

All pumps, valves and meters used in below-grade 5-chambered clarifier will be removed for use elsewhere in facility, sold for profit or scrapped. The below-grade 5-chambered clarifier will be steam cleaned, and verified for integrity. If no other use exists it will be filled and sealed per current regulations. Leftover caustic solution used in pH adjustment along with flocculent and anionic additives used to promote settling of solids will be considered retrograde material.

If no other use exists the Lamella Inclined-Plate Clarifier, filter press, and water recycling tanks, including all related pumps, valves and piping will be dismantled and removed.

All retrograde materials will be handled as such per the instructions in this facility's Retrograde Material Program. All equipment will be decontaminated and then used in other areas of the company, sold for profit or scrapped. All washwater generated during decontamination of this unit will be pumped into drums and sampled to determine proper treatment/disposal method.

Samples will be taken of tanks, concrete flooring and sumps, piping, clarifiers, filter press and surrounding area to verify that all contamination has been removed.

B. MAXIMUM INVENTORY ESTIMATES:

Maximum hazardous waste in all containers at time of closure: 275 gallons

Sodium Metabisulfite:	110 gallons
Caustic Solution:	55 gallons
Flocculent:	55 gallons
Anionic Additive:	55 gallons

Maximum hazardous waste in all tanks at time of closure: 12,665 gallons

Process Line:	1250 gallons
Anodize Line:	7400 gallons
Chrome Reduction Tanks:	240 gallons
Below-grade Clarifier:	3000 gallons
Above-grade Clarifier:	775 gallons

Other waste stored on facility: 500 pounds

Waste sludge from filter press. Sampling is not required because the constituents of concern have not changed and material is disposed-of on an on-going basis.

Waste generated from decontamination of containers and container areas: none

Waste generated from decontamination of tanks and tank areas: 19,806 pounds

Inside Building:

Anodize Area:

Polypropylene Tanks, 1116 sq. feet

8 @ 118 sq. ft = 944 sq. feet

1 @ 172 sq. ft = 172 sq. feet

Concrete Flooring, 38'x68' = 2584 sq. feet

Concrete Sump, 3 ft x 2 ft. x 4 ft = 60 sq. feet

Raised Fiberglass Platform, 716 sq. feet

4' x 13', 5' x 34', 4' x 34'

Concrete Walls, 1008 sq. feet

(west) 38' x 7' = 266 sq. feet

(east) 38' x 7' = 266 sq. feet

(north) 68' x 7' = 476 sq. feet

Process Area:

Polypropylene Tanks, 562 sq. feet

1 @ 78 sq. ft

1 @ 52 sq. ft

4 @ 108 = 432 sq. ft

Wooden Platform, 17 ft x 7 ft = 119 sq. feet

Concrete Sump, 3 ft x 2 ft x 3 ft = 48 sq. feet

Concrete Flooring 21 ft x 31 ft = 651 sq. feet

Concrete Wall, 21 ft x 7 ft = 147 sq. feet

Chrome Reduction Tanks, 128 sq ft

B. MAXIMUM INVENTORY ESTIMATES (cont.)

Outside Building:

Concrete Below-grade Clarifier, total surface area = 660 sq. feet

Concrete/Asphalt ground, = 1444 sq. feet

Metal Security Sampling Box, = 90 sq. feet

Metal Lamella Inclined-Plate Clarifier, 232 sq. feet

Metal Recycle Tank, 208 sq. feet

Filter Press, 130 sq. feet

Total Surface Area: 9,903 sq. feet at 4 gallons per sq. foot =

39,612 gallons washwater = 720 drums

Waste generated from decontamination of all other areas: 410 pounds

PVC Piping, 4" x 352' = 469 gallons wash water

3 ea. - Diaphragm Pumps, 50 gallons wash water each = 150 gallons

4 ea. - Metering Pumps, 50 gallons wash water each = 200 gallons

Total Washwater = 819 gallons

C. WASTE REMOVAL/TREATMENT

The final batch of waste will be processed through the facility's process as described in this unit's instructions.

D. DECONTAMINATION PROCEDURES:

See attached site map for location of treatment area. Also three diaphragm pumps and four metering pumps will be decontaminated.

The following items will be steam cleaned. A portable steam cleaner will be rented for this purpose.

Polypropylene Tanks, 8 ea - 36" x 42" x 48"

1 ea - 48" x 54" x 48"

1 ea - 24" x 24" x 36"

1 ea - 24"x36" x 36"

4 ea - 36" x 48" x 36"

Metal Clarifier, Lamella Inclined Plate,

775 gallon capacity

Concrete Flooring, 38' x 68', 21' x 31'

Metal Security Sampling Box,

2'5" x 2'2" x 3'2"

Fiberglass Platform, 4' x 13.5' x 34', 4' x 34'

Metal Tanks, 1 ea - 2' x 2' x 4'

2 ea. - 2' x 3' x 5'

Filter Press, 3' x 4' x 7'

Wooden Platform, 7' x 17'

Asphalt/Concrete Floor, 38' x 38'

Concrete Clarifier, 5 chamber,

3000 gallon capacity

Concrete Walls,

2 ea. - 38' x 7', 68' x 7', 21' x 7'

Concrete Sumps,

3' x 2' x 3', 3' x 2' x 4'

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA
91605

LATITUDE 34°11'
LONGITUDE 118°22'
ELEVATION 710'

2" MAIN WATER
SUPPLY

PROPERTY LINE

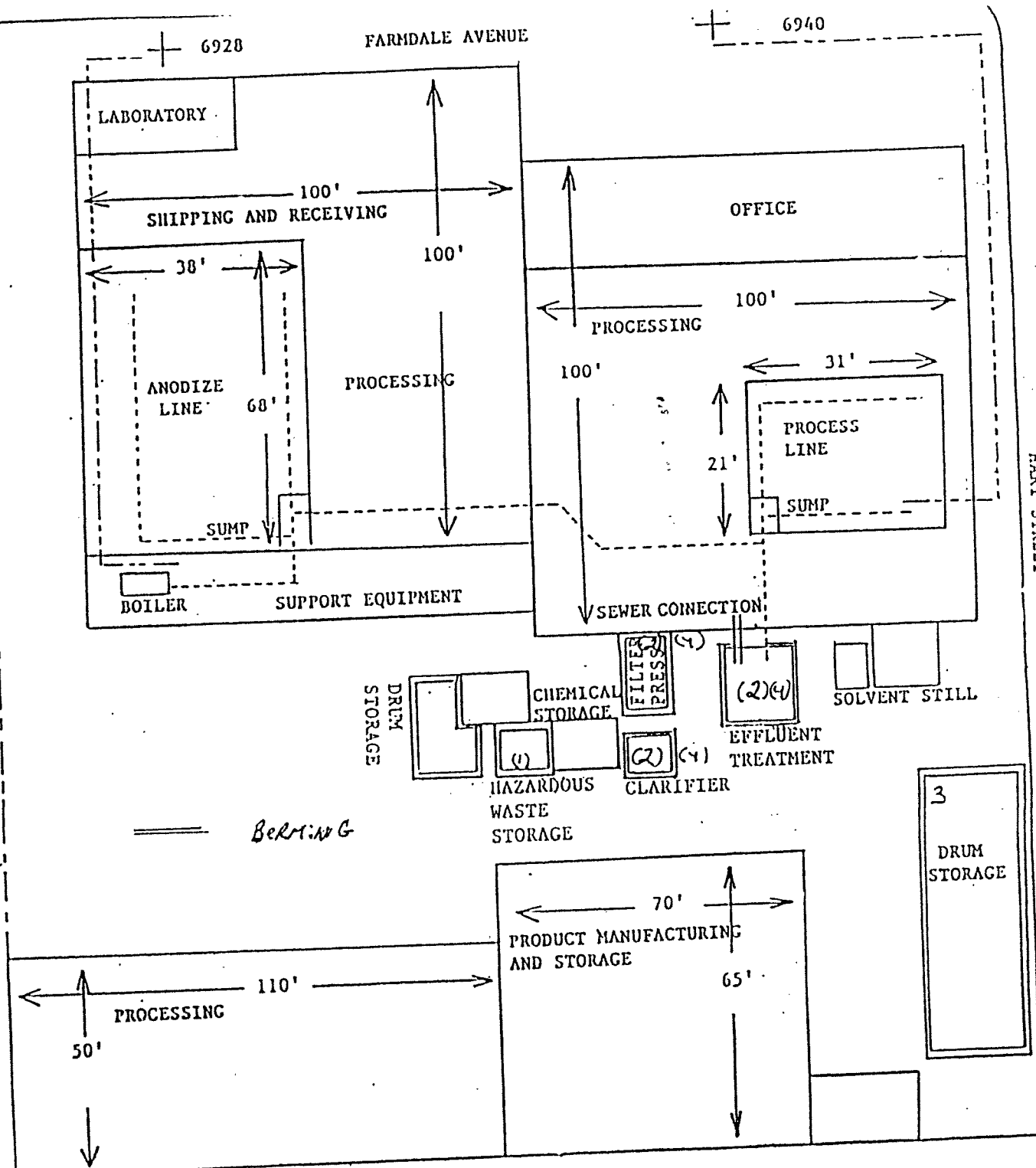
6" WASTE WATER-
LINE (ABOVE
GROUND)

WATER METERS

DRAWN BY: David Chan
DATE: 9-17-90

REVIEWED BY: [Signature]
DATE: 9/27/90

DRAWING NO. 1



D. DECONTAMINATION PROCEDURES (cont.)

The following items will be decontaminated with cleaning solution using a high pressure washer. A portable pressure washer will be rented for this purpose.

PVC Piping, 4" x 352'
3 ea -Pumps, Diaphragm
4 ea - Pumps, Metering

E. SAMPLING PROCEDURES:

Sample quantities are determined by number of tanks/equipment or square footage of area.

Tanks -

A minimum of one sample will be taken from each tank using the Wipe Sampling Method creating a minimum of 19 samples.

Each tank must be sampled on inside of tank below water line to assure that all tanks were properly decontaminated.

Structures/Buildings -

Concrete Flooring:

Composite samples using the Chip Sampling Method will be taken from each area as follows:

Anodize Area	2 samples
Processing Area	1 sample

All samples will be collected on a grid pattern.

If any obviously stained areas exist, an additional composite *may* be collected from that area.

Concrete Wall:

Composite samples using the Chip Sampling Method will be taken from each area as follows:

Anodize Area	west wall	1 sample
	east wall	1 sample
	north wall	2 samples
Process Area	south wall	1 sample
Outside Bldg.	each wall	4 samples total

All samples will be collected on a grid pattern.

If any obviously stained areas exist, an additional composite *may* be collected from that area.

Concrete Sumps:

One composite sample using the Chip Sampling Method will be taken from each sump.

All samples will be collected on a grid pattern.

E. SAMPLING PROCEDURES (cont.)

Concrete Clarifier:

Five samples will be taken using the Chip Sampling Method.

A sample will be taken from each separate chamber of the clarifier below the water line.

Sampling of all chambers is necessary, as each chamber may be considered as separate storage/treatment locations.

Asphalt/Concrete Floor:

Two composite samples will be taken using the Chip Sampling Method.

All samples will be collected on a grid pattern.

If any obviously stained areas exist, an additional composite *may* be collected from that area.

Ancillary Equipment -

Wood Platform -

One composite sample will be taken using the Chip Sampling Method.

The sample will be collected on a grid pattern.

The Chip Sampling Method was chosen due to possible absorption of contaminants into wood.

Fiberglass Platform -

A minimum of two composite samples will be taken using the Wipe Sampling Method.

The platform may have become contaminated due to chemical spill and residual contamination will be detected using the wipe sampling.

The samples will be collected on a grid pattern

PVC Piping:

One Equipment Blank sample will be collected.

In accordance with EPA protocol, deionized water will be flushed throughout the equipment and analyzed for constituents of concern.

This method was chosen to verify removal of contaminants from crevasses, blind holes, etc. of internal areas.

Metal Security Sampling Box:

One composite sample will be taken using the Wipe Sampling Method.

The sample will be collected from both the inside of the box and the outside to verify total decontamination.

Pumps:

One Equipment Blank Sample will be taken from each pump for a total of seven samples.

In accordance with EPA protocol, deionized water will be flushed throughout the equipment and analyzed for constituents of concern.

This method was chosen to verify removal of contaminants from crevasses, indentations, etc. of internal areas.

E. SAMPLING PROCEDURES (cont.)

Filter Press:

One composite sample using the Wipe Sampling Method and one Blank Equipment Sample will be collected.

The two types of methods will be used to verify decontamination of flat metal surfaces as well as in inside crevasses.

Washwater/Residue Generated from Closure Activities:

One composite sample of washwater will be taken to determine hazardous constituents and proper treatment/disposal method.

F. CONFIRMATION SOIL SAMPLING PLAN

No soil sampling will be conducted in association with this Permit By Rule unit. This unit is located within a Federal Superfund Site. Soil contamination has been confirmed to be present prior to the opening of this PBR unit and therefore soil sampling to detect contamination at this area would be inconclusive and unnecessary.

We believe that any contamination within this facility was created by sources unknown, (potentially off-site sources). All units are within secondary containment and these units are not contributing to any possible contamination.

G. ANALYTICAL TEST METHODS

<u>Constituent</u>	<u>Preparation Method</u>	<u>Analysis Method</u>	<u>Detection Limit</u>
<i>Water:</i>			
Chromium III	3060	7196	.005 mg/l
Chromium XI	3060	7196	.005 mg/l
Copper	200.2	200.7	.010 mg/l
Nickel	200.2	200.7	.010 mg/l
Zinc	200.2	200.7	.010 mg/l
<i>Chip and Wipe Samples:</i>			
Chromium III	3060	7196	0.5 mg/kg
Chromium VI	3060	7196	0.5 mg/kg
Copper	200.2	610	0.25 mg/kg
Nickel	200.2	610	0.25 mg/kg
Zinc	200.2	610	0.25 mg/kg

H. CLOSURE COSTS ESTIMATE - UNIT #2

	QUANTITY	COST/QUANTITY	TOTAL COST
1. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:			
Waste in Containers:	5 drums	\$300.00/drum	\$ 1,500.00
Waste in Tanks:	12,665 gallons	\$2.50/gallon + labor	33,662.50
Other Wastes:	0	N/A	<u>0.00</u>
			\$35,162.50 Sub Total
2. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:			
Containers:	0	N/A	\$ 0.00
Tanks:	21 tanks	various	900.00
Ancillary Equipment:	6 items	various	315.00
Structures:	0	N/A	<u>0.00</u>
			\$1,215.00 Sub Total
3. DECONTAMINATION COSTS:			
Tanks:	21 tanks	various	\$ 2,500.00
Containers:	0	N/A	0.00
Ancillary Equipment:	misc.	various	310.50
Structures/Buildings:	3 areas	various	5,170.00
Additional Equipment:	1 item	\$319.00	319.00
Removal/Disposal of Decontamination Waste Water:	34,089 gallons	\$2.50/gallon	<u>90,822.50</u>
			\$99,122.00 Sub Total
4. TRANSPORTATION COSTS:			0.00
Figures incorporated in disposal costs (section 3)			
5. SAMPLING COSTS			
Containers:	0	N/A	0.00
Tanks:	19	various	\$3,160.00
Ancillary Equipment:	14	various	3,350.00
Structures/Buildings:	20	various	2,460.00
Soil:	0	N/A	0.00
Washwater/Residue Generated from Closure Activities:	1		<u>177.50</u>
			\$9,147.50 Sub Total
6. CLOSURE CERTIFICATION COSTS			
Complete Cost:			\$ 5,000.00
Including:			
Preparation of Certification (clerical)			
Preparation of Certification by P.E.			
Inspection by Certified P.E.			
Review by Certified P.E.			
CLOSURE SUBTOTAL OF PARTS 1-6:			<u>\$149,647.00</u>
CONTINGENCY FACTOR (20% of Closure Subtotal):			<u>\$ 29,929.40</u>
TOTAL:			\$179,576.40

H. CLOSURE COST ESTIMATE (cont.)

WORKSHEET

1. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:

Waste in Containers -

Maximum Inventory: 275 gallons = 5 drums
Cost of Removal/Disposal of Waste Corrosive Liquid =
\$300.00/drum x 5 drums = \$1,500.00

Waste in Tanks -

Maximum Inventory: 12,665 gallons
Waste will be pumped into drums from tanks
Labor = 40 hrs. x \$50.00/hour = \$2,000.00
Transportation/Disposal of Waste =
\$2.50/gallon (pumped into transporter's truck) = \$31,662.50

TOTAL REMOVAL/DISPOSAL/TREATMENT COSTS: \$35,162.50

2. COSTS FOR REMOVAL OF:

The following will be disposed at a municipal waste facility. Costs were received from Browning-Ferris Industries.

Tanks:

15 - Polypropylene Tanks	\$30.00/ea	\$ 450.00
5 - Metal Tanks	\$30.00/ea	150.00
Metal Clarifier		<u>300.00</u>
		\$ 900.00

Ancillary Equipment:

Fiberglass & Wooden Platform Sections	\$ 75.00
Filter Press	150.00
Metal Security Box	<u>90.00</u>
	\$315.00

TOTAL REMOVAL COSTS: \$1,215.00

3. DECONTAMINATION COSTS:

Tanks:

Steam Cleaner required for decontamination of:

2336 sq. feet of tank surface
At 4 gallons washwater per sq. foot =
9,344 gallons wash water

Cost of steam cleaner rental fee at local rental shop -
\$85.00/day for 2 days \$170.00

Cost of cleaning solution, \$8.50/gallon
Amount of cleaning solution required: 2 oz. per gallon
180 gallons solution = \$1,530.00
Labor, 16 hours at \$50.00/hour 800.00
\$2,500.00

3. DECONTAMINATION COSTS: (cont')

Ancillary Equipment -

Pressure Washer required for the decontamination of:

7 - Pumps at 50 gallons washwater/pump 350 gallons

352 ft - PVC piping 117 gallons

Total Washwater generated: 467 gallons

Cost of Pressure Washer at \$85.00/day for 1/2 day \$ 42.50

Cost of cleaning solution, \$8.50/gallon

Amount of solution required: 2 oz./gallon water

8 gallons x \$8.50 \$ 68.00

Labor, 4 hours at \$50.00/hour 200.00
\$310.50

Structures/Buildings:

Steam cleaner require for decontamination of:

1555 sq. feet of concrete wall

1444 sq. feet of asphalt flooring

3343 sq. feet of concrete flooring, incl. sumps

6342 sq. feet total at 4 gallons washwater per sq. foot

25,368 gallons washwater

Cost of steam cleaner rental fee at local rental shop

\$85.00/day for two days. \$ 170.00

Cost of cleaning solution, \$8.50/gallon

Amt of solution required - 2 oz./gal water =

400 gallons solution = \$3,400.00

Labor, 32 hours at \$50.00/hour 1,600.00
\$5,170.00

Other Equipment -

Steam cleaner required for decontamination of one 7 foot filter press

Total surface area including filter - 130 sq. feet

at 4 gallons wash water per sq. foot -

520 gallons wash water

Cost of steam cleaner, \$85.00/day for 1/2 day \$ 42.50

Cost of cleaning solution, \$8.50/gallon

Amount of solution required - 2 oz./gallon water

9 gallons solution \$ 76.50

Labor, 4 hours at \$50.00/hour \$ 200.00
\$ 319.00

Removal/Disposal of Decontamination Washwater:

Total waste water from all decontamination processes =

Tanks: 9,334 gallons

Ancillary Equipment: 467 gallons

Structures: 25,368 gallons

Other Equipment: 520 gallons

35,689 gallons

Labor for pumping washwater into tanks:

32 hours x \$50.00 = \$ 1,600.00

Cost of disposal: \$2.50/gallon including transportation: \$89,222.50

Waste pumped into transporter's truck

\$90,822.50

TOTAL DECONTAMINATION COSTS: \$99,122.00

5. SAMPLING COSTS:

All analytical costs were obtained from PACE, Inc. of Huntington Beach California.

				Tanks:	Sub Total: \$ 3,160.00
Wipe Samples -					
	<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>	
	Sampling	9 hours	\$50	\$450.00	
	Traveling/Prep	1 hour	\$50	<u>50.00</u>	
				\$500.00	
	<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>	
	Chromium III	19	\$40	\$760.00	
	Chromium VI	19	\$40	\$760.00	
	Copper	19	\$20	\$380.00	
	Nickel	19	\$20	\$380.00	
	Zinc	19	\$20	<u>\$380.00</u>	
				\$2,660.00	

				Structures/Buildings:	Sub Total: \$3,350.00
Chip Samples -					
	<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>	
	Sampling	10 hours	\$50.00	\$500.00	
	Travel/Prep	1 hour	\$50.00	<u>\$ 50.00</u>	
				\$550.00	
	<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>	
	Chromium III	20	\$40	\$ 800.00	
	Chromium VI	20	\$40	\$ 800.00	
	Copper	20	\$20	\$ 400.00	
	Nickel	20	\$20	\$ 400.00	
	Zinc	20	\$20	<u>\$ 400.00</u>	
				\$2,800.00	

				Ancillary Equipment:	Sub Total: \$ 2,460.00
Chip Sampling -					
	<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>	
	Sampling	0.5 hours	\$50.00	\$25.00	
	Traveling/Prep	0.5 hours	\$50.00	<u>\$25.00</u>	
				\$50.00	
	<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>	
	Chromium III	1	\$40	\$40.00	
	Chromium VI	1	\$40	\$40.00	
	Copper	1	\$20	\$20.00	
	Nickel	1	\$20	\$20.00	
	Zinc	1	\$20	<u>\$20.00</u>	
				\$140.00	

5. SAMPLING COSTS (cont.):

Wipe Sampling -

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	2 hours	\$50.00	\$100.00
Traveling/Prep	1 hour	\$50.00	<u>50.00</u>
			\$150.00

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Chromium III	4	\$40	\$160.00
Chromium VI	4	\$40	\$160.00
Copper	4	\$20	\$ 80.00
Nickel	4	\$20	\$ 80.00
Zinc	4	\$20	<u>\$ 80.00</u>
			\$560.00

Equipment Blank -

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	5 hours	\$50.00	\$250.00
Travel/Prep	1 hour	\$50.00	<u>50.00</u>
			\$300.00

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Chromium III	9	\$40	\$ 360.00
Chromium VI	9	\$40	\$ 360.00
Copper	9	\$20	\$ 180.00
Nickel	9	\$20	\$ 180.00
Zinc	9	\$20	<u>\$ 180.00</u>
			\$1,260.00

Washwater/Residue Generated from Closure Activities:

Sub Total: \$ 177.50

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	0.25 hours	\$50.00	\$12.50
Travel/Prep	0.50 hours	\$50.00	<u>\$25.00</u>
			\$37.50

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Chromium III	1	\$40	\$ 40.00
Chromium VI	1	\$40	\$ 40.00
Copper	1	\$20	\$ 20.00
Nickel	1	\$20	\$ 20.00
Zinc	1	\$20	<u>\$ 20.00</u>
			\$140.00

TOTAL SAMPLING COSTS: \$ 9,147.50

6. CLOSURE CERTIFICATION COSTS:

Includes: Preparation of Certification (clerical)
Preparation of Certification by P.E.
Inspection by Certified P.E.
Review by Certified P.E.

This total cost was provided by AquaTerra of Raleigh, North Carolina upon examination of complete closure plan for this specific PBR unit.

TOTAL CERTIFICATION COSTS: \$5,000.00

I. CLOSURE SCHEDULE

The Closure Plan will be implemented within 90 days of last activity associated with this unit and all Closure Plan activities will be completed within 180 days of that activity per regulations.

The expected year of closure is 2050 and closure activities are expected to take approximately thirty days.

The Department of Toxic Substances Control and any other agencies having jurisdiction over the closure project will be notified of closure activities at least 15 days prior to completion of closure activities.

J. HEALTH AND SAFETY PLAN

Will be available at time of closure.

K. EMERGENCY PLAN

Will be available at time of closure.

L. CLOSURE CERTIFICATION

Will be available at time of closure and will be submitted to DTSC by registered mail within 60 days of completion of closure activity. The certification will include:

1. Supervisory Personnel Description
Description of the person(s) or companies who were responsible for supervision of closure activities at the site, including transportation of waste and sample collection.
2. Summary of Closure Activities
Brief description of the main activities performed for each closure activity.
3. Field Engineer Observation Report
4. Sampling Data and Analysis
All sampling information such as sampling locations, soil boring log, chain of custody, analytical results, etc.
5. Discussion of Analytical Results
6. Manifests
Copies of manifests showing the disposition of the waste inventory.
7. Modifications and Amendments to Closure Plan.
8. Photographs

This certification will be conducted by an independent Professional Engineer and will be signed by both the owner or operator and an independent professional engineer registered in California.

Sampling Methods and Protocol
E/M Corporation
Closure Plan - North Hollywood Facility
December 8, 1994

1 Sample Collection and Analysis

Samples collected for laboratory analysis will be collected using steel sampling spoons or hand augers. Water samples will be collected using a disposable bailer or decontaminated glassware. Samples will be placed into laboratory provided containers appropriate for the parameters being analyzed and labeled with a minimum of the following information: sampler's name, date of collection, sample number, analysis to be performed, and project number. Samples will be stored and transported to the analytical laboratory in an insulated cooler chilled to approximately 4°C. To ensure sample integrity, all samples will be transported in accordance with EPA chain-of-custody protocol. A sample chain-of-custody form has been included.

Constituents of concern (COCs) include Chromium (IV). Special preparations must be made for water samples to be analyzed for this analyte since the holding time is only 24 hours. Samples will require immediate delivery to the laboratory and sampling activities should not be conducted on Fridays.

Composite samples will be collected from containment area walls and floors and various other locations within each unit. Sampling will be conducted in accordance with methods outlined in EPA SW-846. In order to obtain representative samples, a grid pattern will be developed at the time of sampling for each sample area. The grid will be numbered and sampling points will be chosen using a random number generator. Samples being analyzed for the presence of volatile organic compounds (VOCs) will not be composited.

Water samples will be composited by collecting discrete samples from each drum or tank with the use of a drum thief or disposable bailer. These samples will be then be placed in containers supplied by the laboratory, appropriate for the specified analysis.

2 Sample Collection Methods

2.1 Chip Samples

Composite and discrete samples will be collected from wood, concrete, and asphalt areas using the chip sampling method. This method will involve chipping off pieces of the material using a stainless steel hammer, concrete corer, or equivalent equipment until sufficient sample is collected. The sample will then be placed in laboratory provided sample containers appropriate for the specified analysis.

2.2 Wipe Samples

Composite and discrete samples will be collected using wipes provided by the laboratory for the specified analysis. The area to be sampled will be consistent among each composite sampling location and will be determined at the time of

sampling. Following sample collection, wipes will be placed in laboratory provided containers and transported and labeled in accordance with section 1 above.

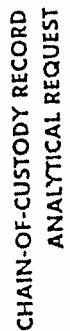
2.3 *Equipment Blanks*

Equipment blanks will be collected and analyzed to confirm sample equipment decontamination effectiveness. The equipment blanks will be analyzed for the COCs which were believed to have come in contact with that particular piece of equipment. Deionized water will be run through and over pumps, hoses, and PVC piping and collected in jars provided by the laboratory, appropriate for the parameters being analyzed.

3 Field Decontamination

The decontamination procedures outlined below will be used for field equipment (e.g., hand augers, steel sampling spoons, hammers, etc.) that comes into direct contact with the material being sampled and that is used more than once at a particular site.

1. Phosphate-free soap (Alconox or equivalent) and distilled water rinse. (Note: if the equipment becomes contaminated with oils or other possible organic residues then the equipment will be washed with isopropyl alcohol.)
2. Triple distilled water rinse.



A GREAT LAKES CHEMICAL CORPORATION COMPANY

№ 2422

PROJECT NAME:

REPORT TO:

ADDRESS:

AFFILIATION/LOCATION:

JOB NUMBER:

PHONE:

SAMPLED BY (PRINT):

SAMPLER'S SIGNATURE:

[illegible][illegible][illegible]

ADDITIONAL COMMENTS:

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605
CAD091719450

TIERED PERMITTED FACILITY
CLOSURE PLAN

PERMIT BY RULE
UNIT #3
MULTI-COMPONENT RESIN DISPOSAL

A. INTRODUCTION:

Upon closure of this unit all remaining coating material resins will be mixed together in 55 gallon steel drums, if hazardous constituents are compatible. Drums will be covered, labeled and disposed of off-site per current regulations.

The original coating material resin containers shall be treated on-site as part of this facility's Permit by Rule Unit #1. If this unit is closed, then all containers will be put into steel drums and disposed of off-site per current regulations.

The storage/treatment area will be steam cleaned and all waste water generated during decontamination of this unit will be contained within bermed area, then pumped into drums and manifested for off-site disposal.

Samples will be taken of storage/treatment area to verify that all contamination has been removed.

B. MAXIMUM INVENTORY ESTIMATES:

Maximum hazardous waste in all containers at time of closure: 50 gallons

Maximum hazardous waste in all tanks at time of closure: none

Other waste stored on facility: none

Waste generated from decontamination of containers and container areas: 3136 gallons

Containers: none

B. MAXIMUM INVENTORY ESTIMATES (cont.)

Container Area:

Hazardous Material Storage Room:

Concrete Floor: 11 ft. x 16 ft

Concrete Walls: 11 ft x 8 ft
16 ft x 8 ft

Total area: 784 sq. ft x 4 gallons washwater per sq. foot =
3,136 gallons wash water

Waste generated from decontamination of tanks and tank areas: none

Waste generated from decontamination of all other areas:

Diaphragm Pump, 2" with 30' hose = 50 gallons

C. WASTE REMOVAL/TREATMENT

The final batch of waste will be processed through the facility's process as described in this unit's instructions.

D. DECONTAMINATION PROCEDURES:

See attached site map for location of storage/treatment area.

Containers - pint, quart, gallon, 5 gallon cans

No decontamination of containers will take place. All containers will either be treated on-site per PBR Unit #1 or crushed and placed in steel drums for disposal off-site per current regulations.

Structures/Buildings -

Concrete Floor, 11 ft x 16 ft,

Concrete Walls, 2 - 11 ft x 8 ft
2 - 16 ft x 8 ft

This area will be steam cleaned.

A portable steam cleaner will be rented for this purpose.

Ancillary Equipment -

Diaphragm Pump, 2" with 30' hose

Pump will be decontaminated with cleaning solution using pressure washer.

A portable pressure washer will be rented for this purpose.

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA
91605

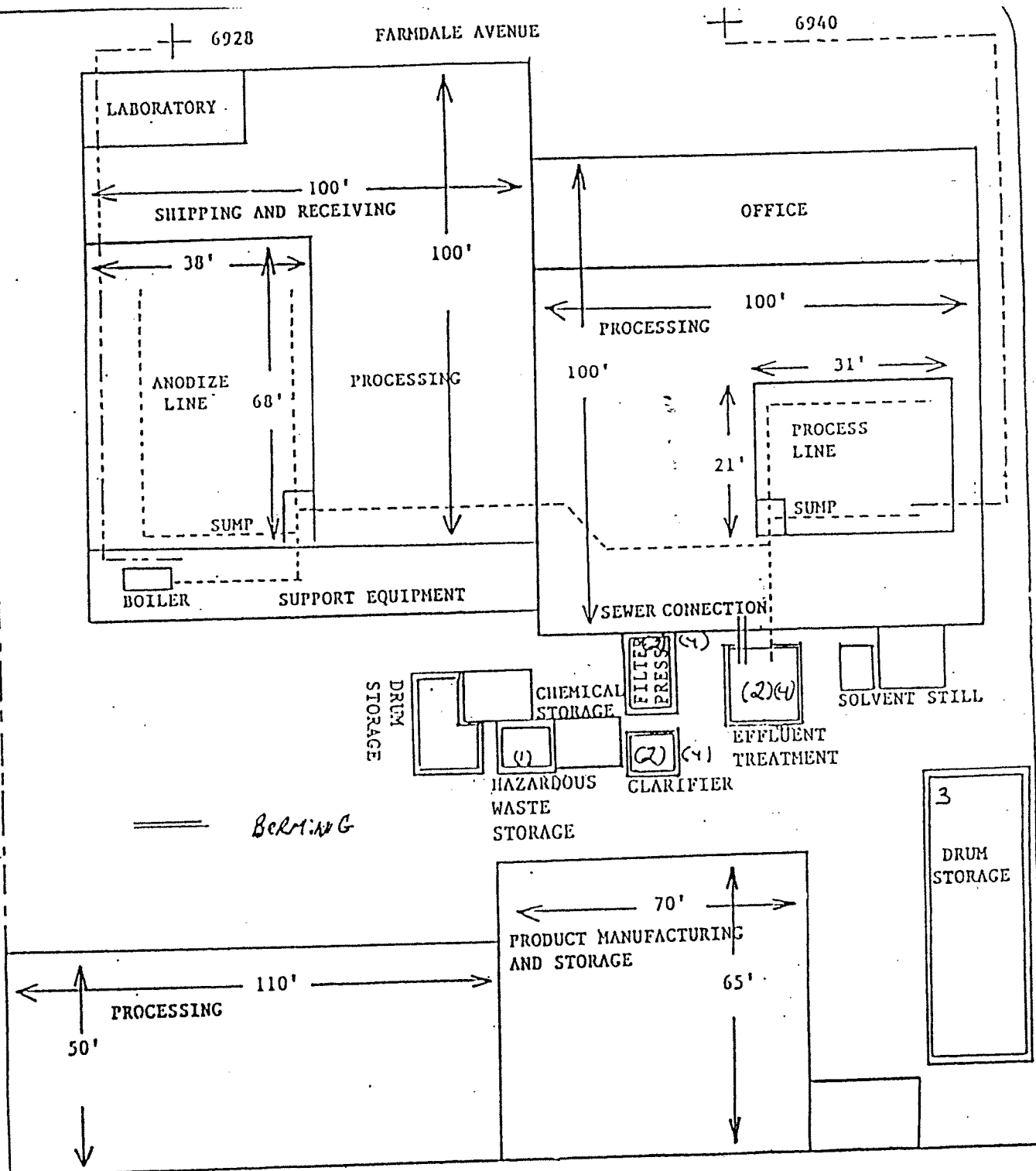
LATITUDE 34°11'
LONGITUDE 118°22'
ELEVATION 710'

2" MAIN WATER
SUPPLY
PROPERTY LINE
6" WASTE WATER-
LINE (ABOVE
GROUND)
WATER METERS

DRAWN BY: D. M. Schram
DATE: 9-17-90

REVIEWED BY: [Signature]
DATE: 9/17/90

DRAWING NO. 1



E. SAMPLING PROCEDURES

Sample quantities are determined by number of tanks/equipment or square footage of area.

Structures/Buildings:

Concrete Floor & Walls -

One composite sample will be taken using the Chip Sampling Method

Sample will be collected on a grid pattern.

If any obviously stained areas exist, an additional composite *may* be collected from that area.

Volatile Organic Compounds -

Volatile organic compounds may be present in this area.

An organic vapor analyzer (OVA) will be used as a field screening technique to determine if VOC's are present.

If elevated levels are found, one sample will be collected and analyzed.

Ancillary Equipment :

Diaphragm Pump -

One Equipment Blank sample will be collected.

In accordance with EPA protocol, deionized water will be flushed throughout the equipment and analyzed for constituents of concern.

This method was chosen to verify removal of contaminants from crevasses, blind holes, etc. of internal areas.

Washwater/Residue Generated from Closure Activities:

One composite sample of washwater will be taken to determine hazardous constituents and proper treatment/disposal method.

F. CONFIRMATION SOIL SAMPLING PLAN

No soil sampling will be conducted in association with this Permit By Rule unit. This unit is located within a Federal Superfund Site. Soil contamination has been confirmed to be present prior to the opening of this PBR unit and therefore soil sampling to detect contamination at this area would be inconclusive and unnecessary.

We believe that any contamination within this facility was created by sources unknown, (potentially off-site sources). All units are within secondary containment and these units are not contributing to any possible contamination.

G. ANALYTICAL TEST METHODS

<u>Constituent</u>	<u>Preparation Method</u>	<u>Analysis Method</u>	<u>Detection Limit</u>
<i>Water:</i>			
Antimony	3005	6010	0.036 mg/l
Chromium III	3060	7196	0.005 mg/l
Chromium VI	3060	7196	0.005 mg/l
Lead	3005	7421	0.002 mg/l
VOC	3060	8240	0.005 mg/l

Concrete and Wipe Samples:

Antimony	3050	6010	3.6 mg/kg
Chromium III	3060	7196	0.5 mg/kg
Chromium VI	3060	7196	0.5 mg/kg
Lead	3050	7420	0.2 mg/kg

VOC:

If elevated levels are found using an OVA, the collected sample will be analyzed using EPA SW-846 Method 8240 plus tentatively identified compounds.

H. CLOSURE COST ESTIMATE - UNIT #3

	QUANTITY	COST/QUANTITY	TOTAL COST	
1. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:				
Waste in Containers:	1 pallet	\$780.00/pallet	\$ 780.00	
Waste in Tanks:	0	N/A	0.00	
Other Wastes:	0	N/A	<u>0.00</u>	
			\$ 780.00	Sub Total
2. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:				
Containers:	0	N/A	\$ 0.00	
Tanks:	0	N/A	0.00	
Ancillary Equipment:	0	N/A	0.00	
Structures:	0	N/A	<u>0.00</u>	
			\$ 0.00	Sub Total
3. DECONTAMINATION COSTS:				
Tanks:	0	N/A	\$ 0.00	
Containers:	0	N/A	0.00	
Ancillary Equipment	1	\$193.50	193.50	
Structures/Buildings	1 area	\$995.00	995.00	
Additional Equipment:	0	N/A	0.00	
Removal/Disposal of Decontamination				
Waste Water:	57 drums	\$200.00	<u>12,600.00</u>	
			\$13,788.50	Sub Total
4. TRANSPORTATION COSTS:				
Figures incorporated in disposal costs (section 3)			\$ 0.00	
5. SAMPLING COSTS				
Containers:	0	N/A	\$ 0.00	
Tanks:	0	N/A	0.00	
Ancillary Equipment	1	\$205.00	205.00	
Structures/Buildings	1	670.00	670.00	
Soil	0	N/A	0.00	
Washwater/Residue Generated from				
Closure Activities	1	\$192.50	<u>192.50</u>	
			\$1,067.50	Sub Total
6. CLOSURE CERTIFICATION COSTS				
Complete Cost:				
Including:			\$ 2,500.00	
Preparation of Certification (clerical)				
Preparation of Certification by P.E.				
Inspection by Certified P.E.				
Review by Certified P.E.				
				Sub Total

CLOSURE SUBTOTAL OF PARTS 1-6: \$ 18,136.00

CONTINGENCY FACTOR (20% of Closure Subtotal): \$ 3,627.20

TOTAL: \$ 21,763.20

H. CLOSURE COST ESTIMATE (cont.)

WORKSHEET

A. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:

Waste in Containers -

Maximum Inventory: 50 gallons

All containers can be palletized on one pallet for disposal.

Labor: 2 hours x \$50.00/hour = \$100.00

Cost of Disposal: \$680/pallet

Per attached quote from Rineco.

TOTAL REMOVAL/DISPOSAL/TREATMENT COSTS: \$780.00

C. DECONTAMINATION COSTS:

Structures/Buildings -

Steam cleaner required for decontamination of

784 square feet of storage/treatment area.

@ 4 gallons/sq. ft. = 3136 gallons washwater

Cost of steam cleaner rental at local rental shop

per phone quote from Sam's U-Rent, Van Nuys, CA

\$85.00/day for one day

\$ 85.00

Cost of cleaning solution. \$8.50/gallon.

Amount of solution required - 2 oz./gallon water

60 gallons solutions =

\$ 510.00

Labor, 8 hours at \$50.00/hour

\$ 400.00

\$ 995.00

Ancillary Equipment -

One Diaphragm Pump, 2" with 30' hose = 50 gallons washwater

Cost of pressure washer: \$85.00/day

\$ 85.00

Cost of cleaning solution \$8.50/gallon at 2 oz./gallon water =

one gallon solution x \$8.50 =

8.50

Labor for decontaminating pump: 2 hours at \$50.00/hour

100.00

\$ 193.50

Removal/Disposal of Decontamination Waste Water -

Total waste water from all decontamination processes = 3186 gallons

3186 gallons = 57 drums

Labor for pumping washwater into drums:

24 hours x \$50.00/hour

\$ 1,200.00

Cost of disposal = \$200.00/drum including transportation

11,400.00

\$12,600.00

TOTAL DECONTAMINATION COSTS: \$13,788.50

5. SAMPLING COSTS:

All analytical costs were obtained from PACE, Inc. of Huntington Beach, California

Structures/Buildings: Sub Total: \$670.00

Chip Samples -

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	1 hour	\$50.00	\$ 50.00
Travel/Prep	1 hour	\$50.00	<u>\$ 50.00</u>
			\$100.00

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Lead	1	\$30	\$ 30.00
Antimony	1	20	20.00
Chromium III	1	40	40.00
Chromium VI	1	40	<u>40.00</u>
			\$130.00

VOC -

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Rental OVA	1 day	\$100.00	\$100.00
Sampling	1 hour	\$ 50.00	50.00
Travel/Prep	1 hour	\$ 50.00	<u>50.00</u>
			\$200.00

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
VOC + TIC's	1	\$240	\$240.00

Ancillary Equipment:

Equipment Blank

Sub Total: \$205.00

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	0.50 hours	\$50.00	\$ 25.00
Travel/Prep	1 hour	50.00	<u>50.00</u>
			\$ 75.00

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Lead	1	\$30	\$ 30.00
Antimony	1	20	20.00
Chromium III	1	40	40.00
Chromium VI	1	40	<u>40.00</u>
			\$130.00

Washwater/Residue Generated from Closure Activities:

Sub Total: \$192.50

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	0.25 hours	\$50.00	\$12.50
Travel/Prep	1 hour	\$50.00	<u>50.00</u>
			\$62.50

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Antimony	1	\$20	\$ 20.00
Lead	1	30	30.00
Chromium III	1	40	40.00
Chromium VI	1	40	<u>40.00</u>
			\$130.00

TOTAL SAMPLING COSTS: \$1,067.50

I. CLOSURE SCHEDULE

The Closure Plan will be implemented within 90 days of last activity associated with this unit and all Closure Plan activities will be completed within 180 days of that activity per regulations.

The expected year of closure is 2050 and closure activities are expected to take approximately thirty days.

The Department of Toxic Substances Control and any other agencies having jurisdiction over the closure project will be notified of closure activities at least 15 days prior to completion of closure activities.

J. HEALTH AND SAFETY PLAN

Will be available at time of closure.

K. EMERGENCY PLAN

Will be available at time of closure.

L. CLOSURE CERTIFICATION

Will be available at time of closure and will be submitted to DTSC by registered mail within 60 days of completion of closure activity. The certification will include:

1. Supervisory Personnel Description
Description of the person(s) or companies who were responsible for supervision of closure activities at the site, including transportation of waste and sample collection.
2. Summary of Closure Activities
Brief description of the main activities performed for each closure activity.
3. Field Engineer Observation Report
4. Sampling Data and Analysis
All sampling information such as sampling locations, soil boring log, chain of custody, analytical results, etc.
5. Discussion of Analytical Results
6. Manifests
Copies of manifests showing the disposition of the waste inventory.
7. Modifications and Amendments to Closure Plan.
8. Photographs

This certification will be conducted by an independent Professional Engineer and will be signed by both the owner or operator and an independent professional engineer registered in California.

Sampling Methods and Protocol
E/M Corporation
Closure Plan - North Hollywood Facility
December 8, 1994

1 Sample Collection and Analysis

Samples collected for laboratory analysis will be collected using steel sampling spoons or hand augers. Water samples will be collected using a disposable bailer or decontaminated glassware. Samples will be placed into laboratory provided containers appropriate for the parameters being analyzed and labeled with a minimum of the following information: sampler's name, date of collection, sample number, analysis to be performed, and project number. Samples will be stored and transported to the analytical laboratory in an insulated cooler chilled to approximately 4°C. To ensure sample integrity, all samples will be transported in accordance with EPA chain-of-custody protocol. A sample chain-of-custody form has been included.

Constituents of concern (COCs) include Chromium (IV). Special preparations must be made for water samples to be analyzed for this analyte since the holding time is only 24 hours. Samples will require immediate delivery to the laboratory and sampling activities should not be conducted on Fridays.

Composite samples will be collected from containment area walls and floors and various other locations within each unit. Sampling will be conducted in accordance with methods outlined in EPA SW-846. In order to obtain representative samples, a grid pattern will be developed at the time of sampling for each sample area. The grid will be numbered and sampling points will be chosen using a random number generator. Samples being analyzed for the presence of volatile organic compounds (VOCs) will not be composited.

Water samples will be composited by collecting discrete samples from each drum or tank with the use of a drum thief or disposable bailer. These samples will be then be placed in containers supplied by the laboratory, appropriate for the specified analysis.

2 Sample Collection Methods

2.1 Chip Samples

Composite and discrete samples will be collected from wood, concrete, and asphalt areas using the chip sampling method. This method will involve chipping off pieces of the material using a stainless steel hammer, concrete corer, or equivalent equipment until sufficient sample is collected. The sample will then be placed in laboratory provided sample containers appropriate for the specified analysis.

2.2 Wipe Samples

Composite and discrete samples will be collected using wipes provided by the laboratory for the specified analysis. The area to be sampled will be consistent among each composite sampling location and will be determined at the time of

sampling. Following sample collection, wipes will be placed in laboratory provided containers and transported and labeled in accordance with section 1 above.

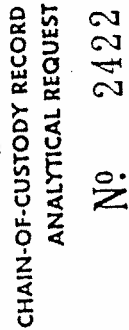
2.3 *Equipment Blanks*

Equipment blanks will be collected and analyzed to confirm sample equipment decontamination effectiveness. The equipment blanks will be analyzed for the COCs which were believed to have come in contact with that particular piece of equipment. Deionized water will be run through and over pumps, hoses, and PVC piping and collected in jars provided by the laboratory, appropriate for the parameters being analyzed.

3 Field Decontamination

The decontamination procedures outlined below will be used for field equipment (e.g., hand augers, steel sampling spoons, hammers, etc.) that comes into direct contact with the material being sampled and that is used more than once at a particular site.

1. Phosphate-free soap (Alconox or equivalent) and distilled water rinse. (Note: if the equipment becomes contaminated with oils or other possible organic residues then the equipment will be washed with isopropyl alcohol.)
2. Triple distilled water rinse.



A GREAT LAKES CHEMICAL CORPORATION COMPANY

REPORT TO:

REQUESTED DUE DATE:

P.O. # / BILLING REFERENCE:

JOB NUMBER:

SAMPLER'S SIGNATURE:

[illegible]

ADDITIONAL COMMENTS:

[illegible]

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605
CAD091719450

TIERED PERMITTED FACILITY
CLOSURE PLAN

PERMIT BY RULE
UNIT #4

BATCH TREATMENT PROCESSING CHEMICALS

A. INTRODUCTION:

Upon closure of this unit all processing chemical tanks in both the process and anodize areas will be emptied and their contents treated through this unit as described in its instructions. The tanks will then be removed along with related piping.

Chrome reduction tanks will be dismantled and ORP meter detached for use elsewhere in facility, sold for profit or scrapped. Remaining sodium metabisulfite will be treated as retrograde material.

All pumps, valves and meters used in below-grade 5-chambered clarifier will be removed for use elsewhere in facility, sold for profit or scrapped. The below-grade 5-chambered clarifier will be steam cleaned, and verified for integrity. If no other use exists it will be filled and sealed per current regulations. Left over caustic solution used in pH adjustment along with flocculent and anionic additives used to promote settling of solids will be considered retrograde material.

If no other use exists the Lamella Inclined-Plate Clarifier, filter press, and water recycling tanks, including all related pumps, valves and piping will be dismantled and removed.

All retrograde materials will be handled as such per the instructions in this facility's Retrograde Material Program. All equipment will be decontaminated and then, if no other use exists, it will be moved for use in other areas of the company, sold for profit or scrapped. All rinsate created during the decontamination of this unit will be contained, pumped into drums and properly treated/disposed.

Samples will be taken of tanks, concrete flooring and sumps, piping, clarifiers, filter press and surrounding area to verify that all contamination has been removed.

B. MAXIMUM INVENTORY ESTIMATES:

Maximum hazardous waste in all containers at time of closure: 275 gallons

Sodium Metabisulfite:	110 gallons	Anionic Additive	55 gallons
Caustic Solution:	55 gallons	Flocculent:	55 gallons

Maximum hazardous waste in all tanks at time of closure: 10,007 gallons

Process Line:	1852 gallons
Anodize Line:	4140 gallons
Chrome Reduction Tanks:	240 gallons
Below-grade Clarifier:	3000 gallons
Above-grade Clarifier:	775 gallons

Other waste stored on facility: 500 pounds

Waste generated from decontamination of containers and container areas: none

Waste generated from decontamination of tanks and tank areas:

Inside Building - Anodize Area:

Polypropylene Tanks, 1547 sq. feet

1 @ 176 sq. ft	2 @ 122 sq. ft
1 @ 194 sq. ft	3 @ 99 sq. ft
1 @ 220 sq. ft	1 @ 236 sq. ft
2 @ 90 sq. ft	

Concrete Flooring, 38' x 68' = 2584 sq. feet

Concrete Sump, 3 ft x 2 ft. x 4 ft = 60 sq. feet

Raised Fiberglass Platform, 716 sq. feet

4' x 13', 5' x 34, 4' x 34'

Concrete Walls, 1008 sq. feet

(west) 38' x 7' = 266 sq. feet

(east) 38' x 7' = 266 sq. feet

(north) 68' x 7' = 476 sq. feet

Inside Building - Process Area:

Polypropylene Tanks, 924.5 sq. feet

1 @ 52 sq. ft	1 @ 66 sq. ft.
1 @ 22.5 sq. ft	1 @ 62 sq. ft.
5 @ 108 sq. ft	1 @ 32 sq. ft
2 @ 40 sq. ft.	1 @ 18 sq. ft.

Wooden Platform, 7 ft x 17 ft = 119 sq. feet

Concrete Sump, 3 ft x 2 ft x 3 ft = 48 sq. feet

Concrete Flooring 21 ft x 31 ft = 651 sq. feet

Concrete Wall, 21 ft x 7 ft = 147 sq. feet

Chrome Reduction Tanks, 128 sq ft

B. MAXIMUM INVENTORY ESTIMATES (cont.)

Outside Building:

Concrete Below-grade Clarifier, total surface area = 660 sq. feet

Concrete/Asphalt ground, = 1444 sq. feet

Metal Security Sampling Box, = 90 sq. feet

Metal Lamella Inclined-Plate Clarifier, 232 sq. feet

Metal Recycle Tanks, 208 sq. feet

Filter Press, 130 sq. feet

Total Surface Area: 10,696.5 sq. feet at 4 gallons per sq. foot =

42,786 gallons washwater = 778 drums

Waste generated from decontamination of all other areas: 410 pounds

PVC Piping, 4" x 352 feet = 469 gallons wash water

3 ea. - Diaphragm Pump, 50 gallons wash water each =
150 gallons wash water

4 ea. - Metering Pumps, 50 gallons wash water each =
200 gallon wash water

Total Washwater = 819 gallons

C. WASTE REMOVAL/TREATMENT

The final batch of waste will be processed through the facility's process as described in this unit's instructions.

D. DECONTAMINATION PROCEDURES:

See attached site map for location of treatment area.

The following items will be steam cleaned. A portable steam cleaner will be rented for this purpose.

Polypropylene Tanks,

1 ea - 48" x 72" x 48"

1 ea - 72" x 42" x 48"

1 ea - 78" x 48" x 48"

2 ea - 36" x 36" x 36"

1 ea - 18" x 18" x 18"

1 ea - 24" x 30" x 36"

1 ea - 18" x 24" x 24"

1 ea - 12" x 24" x 12"

2 ea - 36" x 42" x 48"

3 ea - 42" x 36" x 36"

1 ea - 96" x 36" x 60"

2 ea - 24" x 36" x 24"

1 ea - 24" x 36" x 36"

5 ea - 36" x 48" x 36"

2 ea - 24" x 24" x 24"

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA
91605

LATITUDE 34°11'
LONGITUDE 118°22'
ELEVATION 710'

2" MAIN WATER
SUPPLY

PROPERTY LINE

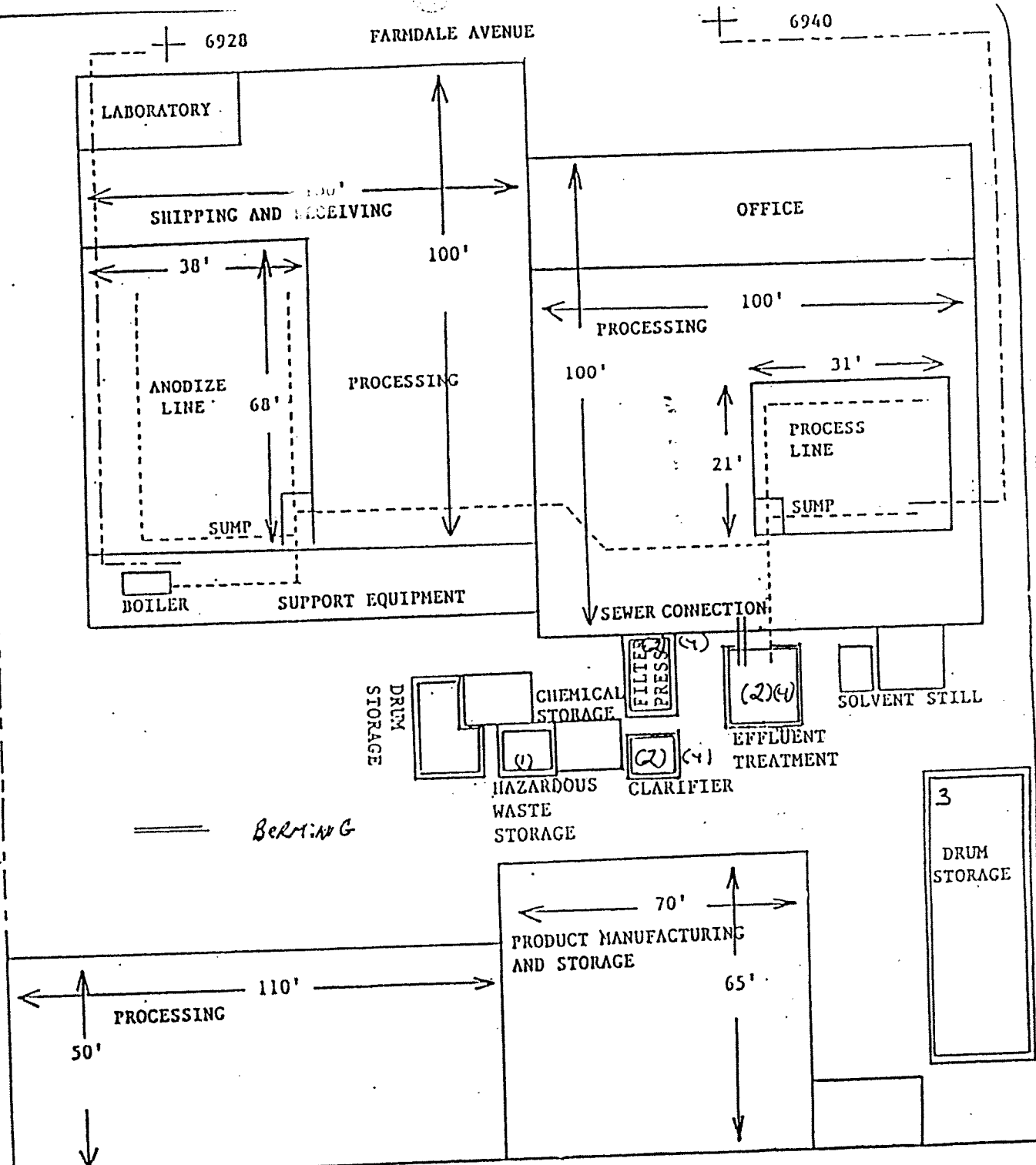
6" WASTE WATER-
LINE (ABOVE
GROUND)

WATER METERS

DRAWN BY: David [Signature]
DATE: 9-17-90

REVIEWED BY: [Signature]
DATE: 9/17/90

DRAWING NO. 1



D. DECONTAMINATION PROCEDURES (cont.)

Metal Tanks, 1 ea - 2' x 2' x 4'
2 ea - 2' x 3' x 5'
Metal Clarifier, Lamella Inclined Plate, 775 gallon capacity
Concrete Clarifier, 5 chamber, 3000 gallon capacity
Concrete Flooring, 38' x 68', 21' x 31'
Concrete Walls, 2 ea. - 38' x 7', 68' x 7', 21' x 7'
Concrete Sumps, 3'x2'x3', 3'x2'x4'
Metal Security Sampling Box, 2'5" x 2'2" x 3'2"
Asphalt/Concrete floor, 38'x38'
Fiberglass Platform, 4'x13', 5'x34', 4'x34'
Wooden Platform, 7'x17'
Filter Press, 3'x4'x7'

The following items will be decontaminated with cleaning solution using a high pressure washer. A portable pressure washer will be rented for this purpose.

PVC Piping, 4" x 352'
3 ea - Pump, Diaphragm
4 ea. - Pump, Metering

E. SAMPLING PROCEDURES:

Tanks:

A minimum of one sample will be taken from each tank using the Wipe Sampling Method creating a minimum of 19 samples.
Each tank must be sampled on inside of tank below water line to assure that all tanks were properly decontaminated.

Structures/Buildings:

Concrete Flooring -

Composite samples using the Chip Sampling Method will be taken from each area as follows:

Anodize Area 2 samples

Processing Area 1 sample

All samples will be collected on a grid pattern.

If any obviously stained areas exist, an additional composite *may* be collected from that area.

E. SAMPLING PROCEDURES (cont.)

Concrete Wall -

Composite samples using the Chip Sampling Method will be taken from each area as follows:

Anodize Area	west wall	1 sample
	east wall	1 sample
	north wall	2 samples
Process Area	south wall	1 sample

Concrete Sumps -

One composite sample using the Chip Sampling Method will be taken from each sump.

All samples will be collected on a grid pattern.

Concrete Clarifier -

Five composite samples will be taken using the Chip Sampling Method.

A sample will be taken from each separate chamber of the clarifier below the water line.

Sampling of all chambers is necessary as each chamber may be considered as separate storage/treatment locations.

Asphalt/Concrete Floor -

Two composite samples will be taken using the Chip Sampling Method.

All samples will be collected on a grid pattern.

If any obviously stained areas exist, an additional composite *may* be collected from that area.

Ancillary Equipment:

Wooden Platform -

One composite sample will be taken using the Chip Sampling Method.

The sample will be collected on a grid pattern.

The Chip Sampling Method was chosen due to possible absorption of contaminants into wood.

Fiberglass Platform -

A minimum of two composite samples will be taken using the Wipe Sampling Method.

The platform may have become contaminated due to chemical spill and residual contamination will be detected using the wipe sampling.

The samples will be taken on a grid pattern.

PVC Piping -

One Equipment Blank sample will be collected.

In accordance with EPA protocol, deionized water will be flushed throughout the equipment and analyzed for constituents of concern.

This method was chosen to verify removal of contaminants from crevasses, recesses, etc. of internal areas.

E. SAMPLING PROCEDURES (cont.)

Metal Security Sampling Box -

One composite sample will be taken using the Wipe Sampling Method.

The sample will be collected from both the inside of the box and the outside to verify total decontamination.

Pumps -

One Equipment Blank Sample will be taken from each pump for a total of seven samples.

In accordance with EPA protocol, deionized water will be flushed throughout the equipment and analyzed for constituents of concern.

This method was chosen to verify removal of contaminants from crevasses, indentations, etc. of internal areas.

Filter Press -

One composite sample using the Wipe Sampling Method and one Blank Equipment Sample will be collected.

The two types of methods will be used to verify decontamination of flat metal surfaces as well as in inside crevasses.

Washwater/Residue Generated from Closure Activities:

One composite sample of washwater will be taken to determine hazardous constituents and proper treatment/disposal method.

F. CONFIRMATION SOIL SAMPLING PLAN

No soil sampling will be conducted in association with this Permit By Rule unit. This unit is located within a Federal Superfund Site. Soil contamination has been confirmed to be present prior to the opening of this PBR unit and therefore soil sampling to detect contamination at this area would be inconclusive and unnecessary.

We believe that any contamination within this facility was created by sources unknown, (potentially off-site sources). All units are within secondary containment and these units are not contributing to any possible contamination.

G. ANALYTICAL TEST METHODS

<u>Constituent</u>	<u>Preparation Method</u>	<u>Analysis Method</u>	<u>Detection Limit</u>
<i>Water:</i>			
Chromium III	3060	7196	0.005 mg/l
Chromium VI	3060	7196	0.005 mg/l
Copper	200.2	200.7	0.010 mg/l
Nickel	200.2	200.7	0.010 mg/l
Zinc	200.2	200.7	0.010 mg/l
<i>Soil and Wipe Samples:</i>			
Chromium III	3060	7196	0.5 mg/kg
Chromium VI	3060	7196	0.5 mg/kg
Copper	200.2	610	0.25 mg/kg
Nickel	200.2	610	0.25 mg/kg
Zinc	200.2	610	0.25 mg/kg

H. CLOSURE COST ESTIMATE - UNIT #4

	Quantity	Cost/Quantity	Total Cost	
1. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:				
Waste in Containers:	5 drums	\$300.00/drum	1,500.00	
Waste in Tanks:	10,007 gal	2.50/gal	27,017.50	
		+ labor		
Other Wastes:	0	N/A	<u>0.00</u>	
			\$28,517.50	Sub Total
2. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:				
Containers:	0	N/A	\$ 0.00	
Tanks:	28 tanks	various	1,110.00	
Ancillary Equipment:	misc	various	315.00	
Structures:	0	N/A	<u>0.00</u>	
			\$1,425.00	Sub Total
3. DECONTAMINATION COSTS:				
Tanks:	28 tanks	various	\$ 2,670.00	
Containers:	0	N/A	0.00	
Ancillary Equipment:	7 pumps	various	502.00	
Structures/Buildings:	3 areas	various	5,170.00	
Additional Equipment:	1 press	\$319.00/each	319.00	
Removal/Disposal of Decontamination				
Waste Water:	39,438 gal	\$2.50/gal	<u>104,195.00</u>	
			\$112,856.00	Sub Total
4. TRANSPORTATION COSTS:			0.00	
Figures incorporated in disposal costs (section 3)				
5. SAMPLING COSTS				
Containers:	0	N/A	0.00	
Tanks:	19	various	\$3,160.00	
Ancillary Equipment:	13	various	2,460.00	
Structures/Buildings:	16	various	2,690.00	
Soil:	0	N/A	0.00	
Washwater/Residue Generated from				
Closure Activities:	1	\$177.50	<u>177.50</u>	
			\$8,487.50	Sub Total
6. CLOSURE CERTIFICATION COSTS				
Complete Cost:			\$5,000.00	
Including:	Preparation of Certification (clerical)			
	Preparation of Certification by P.E.			
	Inspection by Certified P.E.			
	Review by Certified			

CLOSURE SUBTOTAL OF PARTS 1-6: \$156,286.00

CONTINGENCY FACTOR (20% of Closure Subtotal): \$ 31,257.20

TOTAL: \$187,543.20

H. CLOSURE COST ESTIMATE (cont.)

WORKSHEET

1. COSTS FOR REMOVAL/DISPOSAL/TREATMENT OF:

Waste in Containers -

Maximum Inventory: 275 gallons = 5 drums

Cost of Removal/Disposal of Waste Corrosive Liquid =

\$300.00/drum X 5 drums = 1,500.00

Waste in Tanks -

Maximum Inventory: 10,007 gallons = 182 drums

Waste will be pumped into drums from tanks

Labor = 40 hrs. x \$50.00/hour = 2,000.00

Transportation/Disposal of Waste =

\$2.50/gallon (pumped into transporter's truck) = 25,017.50

\$27,017.50

TOTAL REMOVAL/DISPOSAL/TREATMENT COSTS: \$28,517.50

2. COST FOR REMOVAL OF:

The following items will be disposed at a municipal waste facility.

Costs are based on telephone quote from Browning-Ferris Industries

Tanks:

24 - Polyurethane Tanks	\$30.00/ea	\$ 720.00
3 - Metal Tanks	\$30.00/ea	90.00
Metal Clarifier		<u>300.00</u>
		\$1110.00

Ancillary Equipment:

Fiberglass & Wooden Platform Sections	\$ 75.00
Filter Press	150.00
Metal Security Box	<u>90.00</u>
	\$ 315.00

TOTAL REMOVAL COSTS: \$1425.00

3. DECONTAMINATION COSTS:

Tanks -

Steam Cleaner required for decontamination of

3700 sq. feet of tank surface at

4 gallons washwater per sq. foot =

14,800 gallons washwater

Cost of steam cleaner rental fee at local rental shop =

\$85.00/day for 2 days = \$ 170.00

Cost of cleaning solution, \$8.50/gallon

Amount of solution required: 2 oz./gallon water

200 gallons solution = 1700.00

Labor, 16 hours at \$50.00/hour 800.00

\$2670.00

3. DECONTAMINATION COSTS: (cont')

Ancillary Equipment -

Pressure washer required for decontamination of seven pumps at 50 gallons wash water per pump = 350 gallons washwater	
Cost of Pressure washer at local rental shop \$85.00/day for half day	\$ 42.50
Cost of Cleaning Solution = \$8.50/gallon Amount of solution required = 2 oz./gallon water 7 gallons solution =	59.50
Labor, 8 hours at \$50.00/hour =	<u>400.00</u>
	\$502.00

Structures/Buildings -

Steam cleaner required for decontamination of 1555 sq. feet of concrete wall 1444 sq. feet of asphalt flooring 3343 6342 sq. feet of concrete flooring, incl. sumps 6342 sq. feet total at 4 gallons washwater per sq. foot 25,368 gallons washwater	
Cost of steam cleaner rental fee at local rental shop \$85.00/day for two days	\$ 170.00
Cost of cleaning solution, \$8.50/gallon. Amount of solution required - 2 oz./gallon water 400 gallons solutions =	3,400.00
Labor, 32 hours at \$50.00/hour	<u>1,600.00</u>
	\$ 5,170.00

Other Equipment -

Steam cleaner required for decontamination of one 7 foot filter press Total surface area including filters - 130 sq. feet At 4 gallon wash water per sq. foot = 520 gallon wash water	
Cost of Steam Cleaner, \$85.00/day for 1/2 day	42.50
Cost of cleaning solution, \$8.50/gallon Amount of solution required - 2 oz./gallon water 9 gallons solution =	76.50
Labor, 4 hours at \$50.00/hour	<u>200.00</u>
	\$319.00

Removal/Disposal of Decontamination Waste Water -

Total waste water from all decontamination processes =	
Tanks: 14,800gallons	
Ancillary Equipment: 350 gallons	
Structures/Buildings: 25,368 gallons	
Other Equipment: <u>520 gallons</u>	
	41,038 gallons
Labor for pumping washwater: 32 hours x \$50.00 =	\$ 1,600.00
Cost of disposal = \$2.50/gallon including transportation	<u>\$ 102,595.00</u>
Waste pumped into transporter truck	\$ 104,195.00

TOTAL DECONTAMINATION COSTS: \$112,856.00

5. SAMPLING COSTS:

All analytical costs were obtained from PACE, Inc. of Huntington Beach, California.

				Tanks:	Sub Total: \$ 3,160.00
Wipe Samples -					
<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>		
Sampling	9 hours	\$50	\$450.00		
Traveling/Prep	1 hour	\$50	<u>50.00</u>		
			\$500.00		
<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>		
Chromium III	19	\$40	\$760.00		
Chromium VI	19	\$40	\$760.00		
Copper	19	\$20	\$380.00		
Nickel	19	\$20	\$380.00		
Zinc	19	\$20	<u>\$380.00</u>		
			\$2,660.00		

				Structures/Buildings:	Sub Total: \$2,690.00
Chip Samples					
<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>		
Sampling	8 hours	\$50.00	\$400.00		
Travel/Prep	1 hour	\$50.00	<u>50.00</u>		
			\$450.00		
<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>		
Chromium III	16	\$40	\$640.00		
Chromium VI	16	\$40	\$640.00		
Copper	16	\$20	\$320.00		
Nickel	16	\$20	\$320.00		
Zinc	16	\$20	<u>\$320.00</u>		
			\$2,240.00		

				Ancillary Equipment:	Sub Total: \$2,460.00
Chip Sampling -					
<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>		
Sampling	0.5 hours	\$50.00	\$25.00		
Travel/Prep	0.5 hours	\$50.00	<u>\$25.00</u>		
			\$50.00		
<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>		
Chromium III	1	\$40	\$40.00		
Chromium VI	1	\$40	40.00		
Copper	1	\$20	20.00		
Nickel	1	\$20	20.00		
Zinc	1	\$20	<u>20.00</u>		
			\$140.00		

5. SAMPLING COSTS (cont.):

Ancillary Equipment (cont.)

Wipe Sampling -

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	2 hours	\$50.00	\$100.00
Traveling/Prep	1 hour	\$50.00	<u>50.00</u>
			\$150.00

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Chromium III	4	\$40	\$160.00
Chromium VI	4	\$40	\$160.00
Copper	4	\$20	\$ 80.00
Nickel	4	\$20	\$ 80.00
Zinc	4	\$20	<u>\$ 80.00</u>
			\$560.00

Equipment Blank -

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	5 hours	\$50.00	\$250.00
Travel/Prep	1 hour	\$50.00	<u>50.00</u>
			\$300.00

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Chromium III	9	\$40	\$ 360.00
Chromium VI	9	\$40	360.00
Copper	9	\$20	180.00
Nickel	9	\$20	180.00
Zinc	9	\$20	<u>180.00</u>
			\$1260.00

Washwater/Residue Generated from Closure Activities:

Sub Total: \$ 177.50

<u>Labor</u>	<u>Duration</u>	<u>Rate</u>	<u>Cost</u>
Sampling	0.25 hour	\$50.00	\$12.50
Travel/Prep	0.50 hour	\$50.00	<u>25.00</u>
			\$37.50

<u>Analysis</u>	<u># of Samples</u>	<u>Cost</u>	<u>Total</u>
Chromium III	1	\$40	\$ 40.00
Chromium VI	1	\$40	40.00
Copper	1	\$20	20.00
Nickel	1	\$20	20.00
Zinc	1	\$20	<u>20.00</u>
			\$140.00

TOTAL SAMPLING COSTS: \$8,487.50

6. CLOSURE CERTIFICATION COSTS:

Includes: Preparation of Certification (clerical
 Preparation of Certification by P.E.
 Inspection by Certified P.E.
 Review by Certified P.E.

This total cost was provided by AquaTerra of Raleigh, North Carolina
upon examination of complete closure plan for this specific PBR unit.

TOTAL CERTIFICATION COSTS: \$5,000.00

I. CLOSURE SCHEDULE

The Closure Plan will be implemented within 90 days of last activity associated with this unit and all Closure Plan activities will be completed within 180 days of that activity per regulations.

The expected year of closure is 2050 and closure activities are expected to take approximately thirty days.

The Department of Toxic Substances Control and any other agencies having jurisdiction over the closure project will be notified of closure activities at least 15 days prior to completion of closure activities.

J. HEALTH AND SAFETY PLAN

Will be available at time of closure.

K. EMERGENCY PLAN

Will be available at time of closure.

L. CLOSURE CERTIFICATION

Will be available at time of closure and will be submitted to DTSC by registered mail within 60 days of completion of closure activity. The certification will include:

1. Supervisory Personnel Description
Description of the person(s) or companies who were responsible for supervision of closure activities at the site, including transportation of waste and sample collection.
2. Summary of Closure Activities
Brief description of the main activities performed for each closure activity.
3. Field Engineer Observation Report
4. Sampling Data and Analysis
All sampling information such as sampling locations, soil boring log, chain of custody, analytical results, etc.
5. Discussion of Analytical Results
6. Manifests
Copies of manifests showing the disposition of the waste inventory.
7. Modifications and Amendments to Closure Plan.
8. Photographs

This certification will be conducted by an independent Professional Engineer and will be signed by both the owner or operator and an independent professional engineer registered in California.

Sampling Methods and Protocol
E/M Corporation
Closure Plan - North Hollywood Facility
December 8, 1994

1 Sample Collection and Analysis

Samples collected for laboratory analysis will be collected using steel sampling spoons or hand augers. Water samples will be collected using a disposable bailer or decontaminated glassware. Samples will be placed into laboratory provided containers appropriate for the parameters being analyzed and labeled with a minimum of the following information: sampler's name, date of collection, sample number, analysis to be performed, and project number. Samples will be stored and transported to the analytical laboratory in an insulated cooler chilled to approximately 4°C. To ensure sample integrity, all samples will be transported in accordance with EPA chain-of-custody protocol. A sample chain-of-custody form has been included.

Constituents of concern (COCs) include Chromium (IV). Special preparations must be made for water samples to be analyzed for this analyte since the holding time is only 24 hours. Samples will require immediate delivery to the laboratory and sampling activities should not be conducted on Fridays.

Composite samples will be collected from containment area walls and floors and various other locations within each unit. Sampling will be conducted in accordance with methods outlined in EPA SW-846. In order to obtain representative samples, a grid pattern will be developed at the time of sampling for each sample area. The grid will be numbered and sampling points will be chosen using a random number generator. Samples being analyzed for the presence of volatile organic compounds (VOCs) will not be composited.

Water samples will be composited by collecting discrete samples from each drum or tank with the use of a drum thief or disposable bailer. These samples will be then be placed in containers supplied by the laboratory, appropriate for the specified analysis.

2 Sample Collection Methods

2.1 Chip Samples

Composite and discrete samples will be collected from wood, concrete, and asphalt areas using the chip sampling method. This method will involve chipping off pieces of the material using a stainless steel hammer, concrete corer, or equivalent equipment until sufficient sample is collected. The sample will then be placed in laboratory provided sample containers appropriate for the specified analysis.

2.2 Wipe Samples

Composite and discrete samples will be collected using wipes provided by the laboratory for the specified analysis. The area to be sampled will be consistent among each composite sampling location and will be determined at the time of

sampling. Following sample collection, wipes will be placed in laboratory provided containers and transported and labeled in accordance with section 1 above.

2.3 *Equipment Blanks*

Equipment blanks will be collected and analyzed to confirm sample equipment decontamination effectiveness. The equipment blanks will be analyzed for the COCs which were believed to have come in contact with that particular piece of equipment. Deionized water will be run through and over pumps, hoses, and PVC piping and collected in jars provided by the laboratory, appropriate for the parameters being analyzed.

3 *Field Decontamination*

The decontamination procedures outlined below will be used for field equipment (e.g., hand augers, steel sampling spoons, hammers, etc.) that comes into direct contact with the material being sampled and that is used more than once at a particular site.

1. Phosphate-free soap (Alconox or equivalent) and distilled water rinse. (Note: if the equipment becomes contaminated with oils or other possible organic residues then the equipment will be washed with isopropyl alcohol.)
2. Triple distilled water rinse.



CHAIN-OF-CUSTODY RECORD
ANALYTICAL REQUEST

Nº 2422

REPORT TO:

TURNAROUND: ☐ NORMAL ☐ 5-DAY ☐ OTHER (SPECIFY):

AFFILIATION/LOCATION:

REQUESTED DUE DATE:

PHONE:

P.O. # / BILLING REFERENCE:

SAMPLED BY (PRINT):

SAMPLER'S SIGNATURE:

[illegible]

ADDITIONAL COMMENTS:

RELINQUISHED BY / AFFILIATION	ACCEPTED BY / AFFILIATION	DATE	TIME	AIRBILL #

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P STREET, 4TH FLOOR
P.O. BOX 806
SACRAMENTO, CA 95812-0806
(310) 590-5527



July 8, 1996

TO: Interested Parties

SUBJECT: FINANCIAL ASSURANCE FOR CLOSURE OF PERMIT-BY-RULE (PBR)
AND CONDITIONALLY AUTHORIZED (CA) OPERATIONS

The Department of Toxic Substances Control (DTSC) has specific authority to adopt and revise appropriate regulations that specify financial assurance requirements for owners or operators of hazardous waste facilities. These regulations are periodically modified to assist businesses that must comply with financial assurance requirements. The purpose of this letter is to inform California businesses operating pursuant to PBR and CA of recently adopted changes in the regulations. The regulations now include new closure cost requirements.

In 1995, DTSC suspended the enforcement of closure cost requirements for all PBR and CA operations under Management Memo EO-94-017-MM. This action was necessary to enable the Legislature to adopt new laws to ease the hardship associated with financial assurance compliance.

Senate Bill (SB) 1291 (Chapter 640, Statutes of 1995) (Health and Safety Code section 25245.4) amended the law concerning financial assurance and authorized DTSC to establish emergency regulations to help lessen the burden of financial assurance requirements.

The emergency regulations were adopted on February 13, 1996, and are in Title 22, California Code of Regulations (CCR), section 67450.13. The regulations make significant changes to what was typically required when establishing a financial assurance mechanism and determining closure cost. The regulations do the following:

1. Allow PBR and CA facilities to prepare written estimates based on "actual cost." (For a definition of this term, see subsection 67450.13(a)(1) of the attached excerpt from the financial assurance emergency regulations.)
2. Require submittal of financial assurance documents by January 1, 1997.

Interested Parties

July 8, 1996

Page 2

3. Allow additional financial vehicles, such as "Certificates of Deposit (CDs)" and "Savings Accounts."
4. Allow a 5-year pay-in plan, if the mechanism is proposed by the operator or generator.
5. Require submittal of a financial assurance mechanism to a Certified Unified Program Agency (CUPA) after the CUPA is certified.

In order to assist you in determining how the financial assurance emergency regulations apply to your treatment operations, DTSC has compiled and attached answers to some commonly asked questions.

You can obtain instructions and forms (Certification of Financial Assurance for PBR and CA Operation DTSC Form 8113 (1/96)) by contacting the nearest DTSC Regional Office (see enclosed map). If, after reading these materials, you find that you need more information or assistance regarding financial assurance, please call the nearest DTSC Regional Office.

Sincerely,



Paula Rasmussen, Chief
State Regulatory Programs Division
Hazardous Waste Management Program

Enclosures

EXCERPTS FROM FINANCIAL ASSURANCE EMERGENCY REGULATIONS

67450.13 Financial Assurance for Closure of Transportable Treatment Units and Fixed Treatment Units Which Are Authorized under Permit by Rule and Generators Who Are Authorized under Conditional Authorization.

- (a) Notwithstanding any other requirements of this article, this section shall apply to all owners or operators of transportable treatment units (TTUs) (as defined in section 66260.10) deemed to have a permit by rule pursuant to section 67450.2(a), owners or operators of fixed treatment units (FTUs) (as defined in section 66260.10) deemed to have a permit by rule pursuant to section 67450.2(b), and generators operating pursuant to a grant of Conditional Authorization (CA) (as defined in Health & Safety Code section 25110.9.1(a)).
 - (1) The TTU owner or operator, FTU owner or operator, or a generator operating pursuant to a grant of Conditional Authorization shall prepare a written estimate of the cost of closing each unit. The estimate shall equal the actual cost or the costs estimated by an owner or operator or a generator that would be incurred for closing a treatment unit when using the owner or operator or generator's own staff and/or personal equipment. The closure cost estimate may take into account any salvage value that may be realized from the sale of wastes, facility structure or equipment, land or other facility assets.
 - (2)
 - (3)
 - (d)

Tiered Permitting Telephone Contact Numbers

For further information, please call the nearest Regional Office
Ask for "Tiered Permitting Assistance"



COMMONLY ASKED QUESTIONS

1. What is the purpose of financial assurance for closure?

The purpose of financial assurance for closure is to provide a guaranteed source of funds to a responsible regulatory agency to close the treatment unit if the operator is unable to do so. This requires a PBR and a CA facility to determine or estimate their closure cost and establish a financial mechanism based on that cost. In the past, closure cost estimates were based on worst-case scenario or the cost as estimated by a third party. Under the "new" financial assurance requirements or emergency regulations, closure cost can be based on "actual cost."

2. What is "actual cost" and how will it affect my closure cost estimate?

"Actual cost," as established by DTSC under the emergency regulations, is defined as the costs estimated by a PBR or a CA facility that would be incurred for closing a treatment unit when using the company's own staff and/or personal equipment.

"Actual cost" also allows the closure cost estimate to take into account any salvage value that may be realized from the sale of wastes, facility structure or equipment, and land or other facility assets. Salvage value from the sale of waste (hazardous or nonhazardous), equipment, and facility structures may also be used to offset closure cost.

Closure cost estimates therefore do not have to be:

- (a) based on a third-party cost estimate; or
- (b) determined at the point of each unit's operating life when the extent and manner of its operation would make closure the most expensive.

Instead, closure costs can be based on more realistic costs.

3. Who must comply with financial assurance requirements?

The emergency regulations require a PBR and a CA facility to obtain a financial assurance mechanism and submit it to the Certified Unified Program Agency (CUPA) or to DTSC if there is no CUPA in that jurisdiction.

Note: Facilities are not required to obtain nor submit a financial assurance mechanism for units operating under a grant of Conditional Exemption (CE).

4. By what date am I required to obtain and submit the financial assurance mechanism?

Senate Bill 1291 require PBR and CA facilities to obtain a financial assurance mechanism by October 1, 1996 (the mechanism may be maintained at the facility). The emergency regulations require PBR and CA facilities to submit the financial mechanism by January 1, 1997. The emergency regulations also require submittal of the mechanism to the CUPA or to DTSC if there is no CUPA in that jurisdiction. Also, the appropriate agency (i.e., CUPA or DTSC) must be the beneficiary of the mechanisms.

5. Are there any additional financial assurance mechanisms or payment plans available?

The emergency regulations expand the number of available financial mechanisms by establishing additional financial vehicles, such as "Certificates of Deposit (CDs)" or "Savings Accounts." The regulations also allow a 5-year pay-in plan if the mechanism is proposed by an owner or an operator. A CD or Savings Account can be obtained through the operator's local bank or financial institution, whereas the 5-year pay-in plan is a proposal that must be developed by the operator or generator. This proposal must be submitted to the CUPA or to DTSC if there is no CUPA in that jurisdiction. Also, anyone who submits a proposal is required to maintain contact with the applicable agency.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P STREET, 4TH FLOOR
P.O. BOX 806
SACRAMENTO, CA 95812-0806



February 15, 1996

TO: Interested Parties

SUBJECT: 1996 Tiered Permitting Flowchart and Guidance to Using the Flowchart.

Assembly Bill 1772, the Wright, Polanco, Lempert Hazardous Waste Treatment Permit Reform Act of 1992, established five tiers of authorization for the treatment of hazardous waste. Under the provisions of this bill, the requirements placed on hazardous waste facilities match more closely to the hazard posed by that facility's operation. These requirements greatly reduce the time and expense needed for many businesses to obtain authorization to treat and/or store hazardous waste.

Under this permitting structure, the lower three of the five tiers apply to treatment of hazardous waste on the site where that hazardous waste was generated (onsite). The remaining two apply to offsite treatment of hazardous waste or higher risk onsite treatment. Determination of the proper tier requires consideration of factors that are laid out sequentially in the attached flowchart: the type of hazardous waste treated, the treatment technology used, the monthly volume treated, and, in some cases, the concentration or composition of the influent waste.

The onsite hazardous waste treatment tiers are:

- Permit by Rule (PBR).
- Conditional Authorization (CA), and
- Conditional Exemption which includes:
 - a. Conditional Exemption-Small Quantity Treatment (CESQT),
 - b. Conditional Exemption-Specified Wastestreams (CESW),
 - c. Conditional Exemption-Limited (CEL), established by Assembly Bill 483 (1995),
 - d. Conditional Exemption-Commercial Laundries (CECL).

DTSC recently updated the attached flowchart to assist businesses determine the appropriate tier for their onsite treatment operations. The following provides step-by-step guidance to using the flowcharts:

1. Identify the affected wastestream on the far left of the flowchart.
2. Moving to the right of the flowchart, locate the treatment technology to be used.
3. If the wastestream(s) have volume/concentration limits, follow these steps:
 - a. Determine the volume of hazardous waste to be treated on a monthly basis, per facility for CESQT and per unit for the other tiers, if needed to utilize the flowchart (see specific wastestreams in the flowchart).



- b. Determine if the waste is hazardous solely due to the characteristic listed (e.g. metals),
- c. Determine the concentration of the hazardous constituents in the hazardous waste to be treated if needed to utilize the flowchart (see specific wastestreams in the flowchart).
4. Follow the arrow from that point to the box on the far right of the flowcharts identifying the tier under which the hazardous waste treatment activity can be authorized.
5. Check the statute or regulation to determine if there are any other eligibility conditions.

Note: The attached flowchart represents a simplification of the requirements for each tier. The flowchart addresses generic wastestreams rather than the detailed descriptions used in the statute and regulations establishing the permit tiers. You are encouraged to review the statute and regulations before filing your notification.

6. After using the flowchart to initially determine the proper tier, read the criteria for treatment of the wastestream under that tier and the description of the wastestream/process combination should be reviewed to confirm that your determination is accurate. Appendix I attached to the end of the flowcharts provides a complete listing of the criteria applicable to treatment of hazardous waste under PBR, CA, and CE.
7. In some cases, the flowchart shows that no onsite tier is currently available for certain activities, such as #16-Extremely hazardous waste. If the flowchart indicates that your activity is not currently authorized, you may need either an enforceable agreement (for existing operations) or a variance (for new operations). A management memo is under development that addresses these issues. Please contact your Regional Office if any of your activities are currently ineligible.

Also, please note the following additional points:

1. The CA limit of 5,000 gallons or 45,000 pounds is a limit in each treatment unit, not the entire facility.
2. The flowchart shows quantity limits within each wastestream. If you treat more than one type of waste, you must confirm that all wastestreams added together are less than those limits to qualify for the CESQT. The CESQT limit of 55 gallons or 500 pounds is a limit for all hazardous waste treated by the entire facility.

3. If your waste is not currently listed in the flowchart, it is not eligible for any of these tiers at this time. Additional wastestreams being considered for PBR are soils contaminated with fuels, cyanide treatment, and household hazardous waste collections. Until they are added to the regulatory list, facilities should comply with generator standards and contact DTSC regional office to discuss permitting options.

If you need further information or assistance regarding this document, please call the nearest DTSC Regional Office (see enclosed map) or the headquarters Tiered Permitting Compliance Section at (916) 324-2423.

Sincerely,

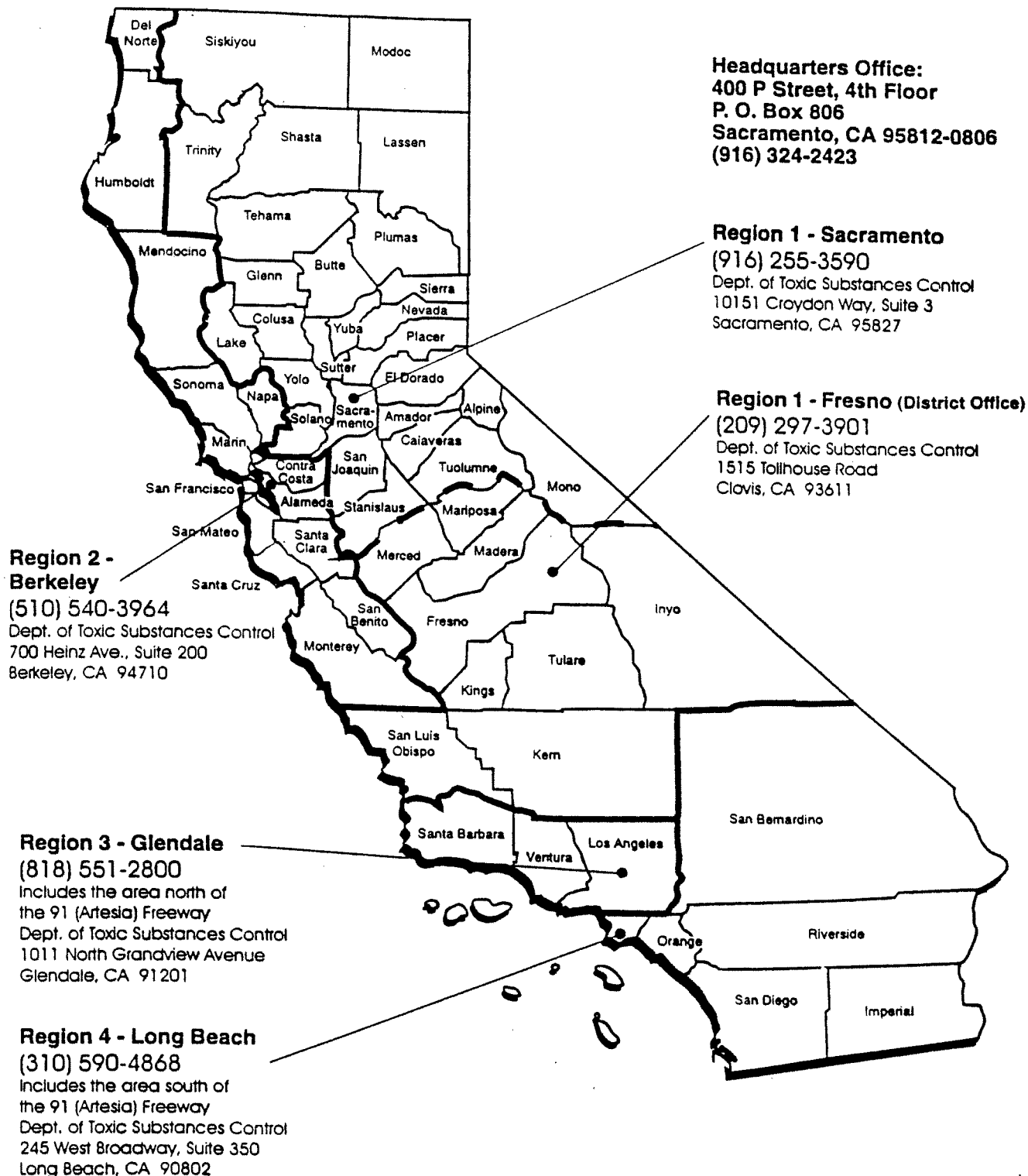


Paula Rasmussen, Chief
State Regulatory Programs Division
Hazardous Waste Management Program

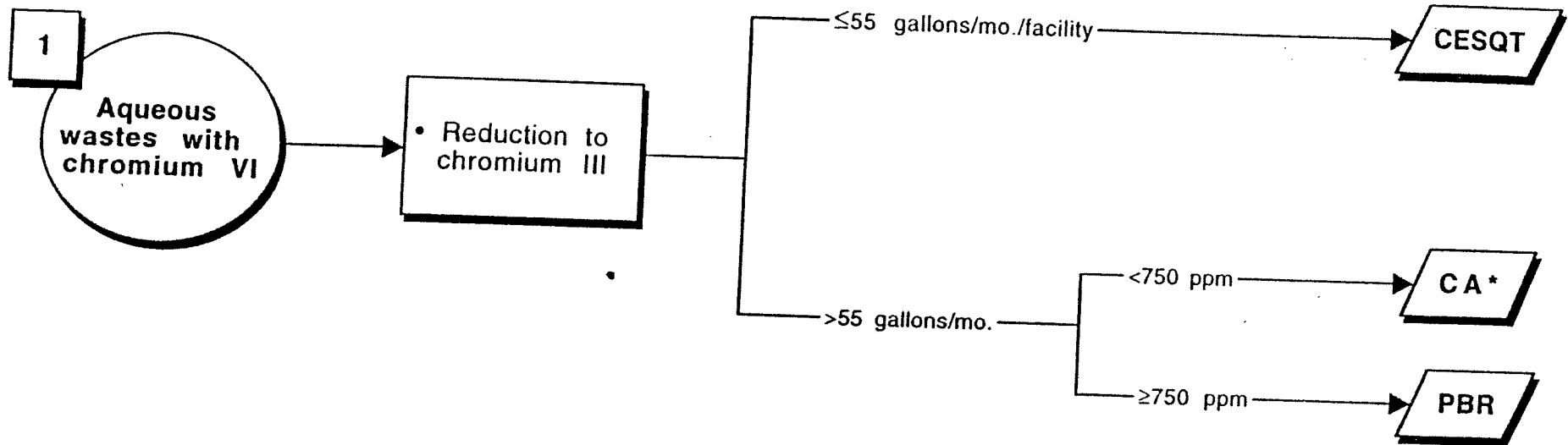
Enclosures

Tiered Permitting Telephone Contact Numbers

For further information, please call the nearest Regional Office
Ask for "Tiered Permitting Assistance"



1996 Tiered Permitting — Flowchart



CESQT — Conditionally Exempt Small Quantity Treatment
(Health and Safety Code (HSC §25201.5(a))

CESW — Conditionally Exempt Specified Wastestream (HSC §25201.5(c))

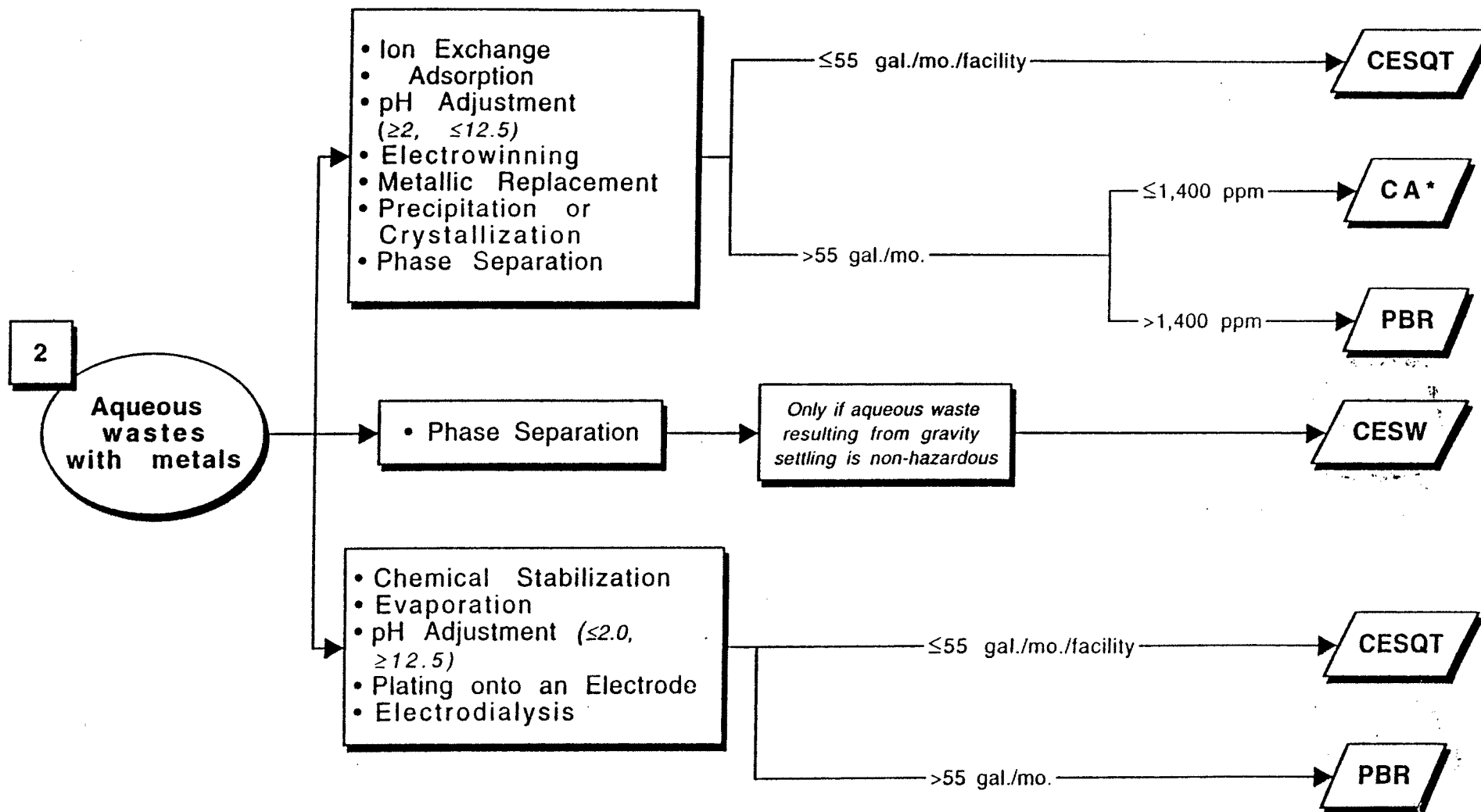
CEL — Conditionally Exempt-Limited (HSC §25201.14)

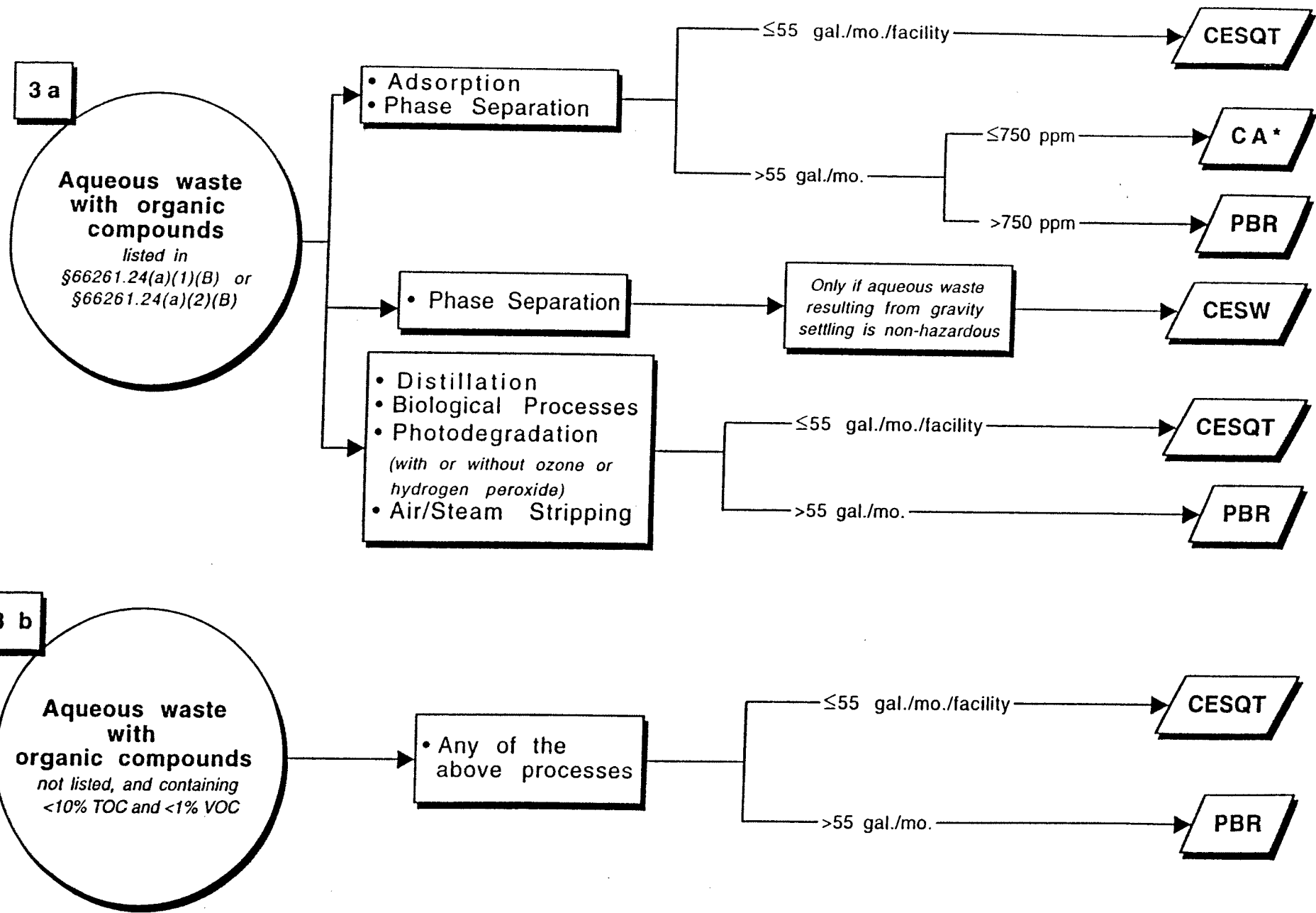
CECL — Conditionally Exempt Commercial Laundries (HSC §25144.6(c))

CA — Conditional Authorization (HSC §25200.3)

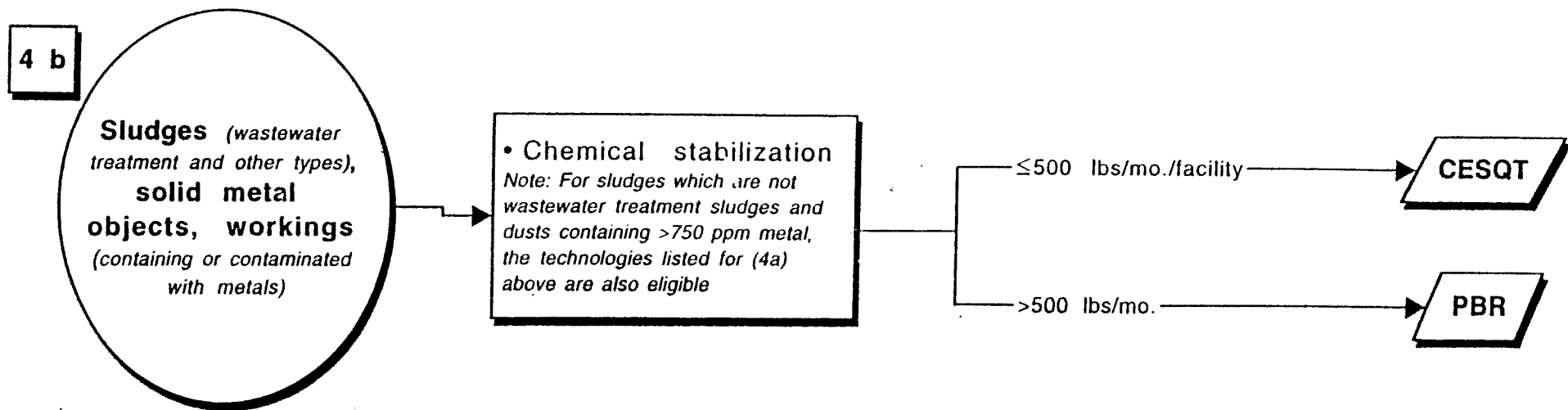
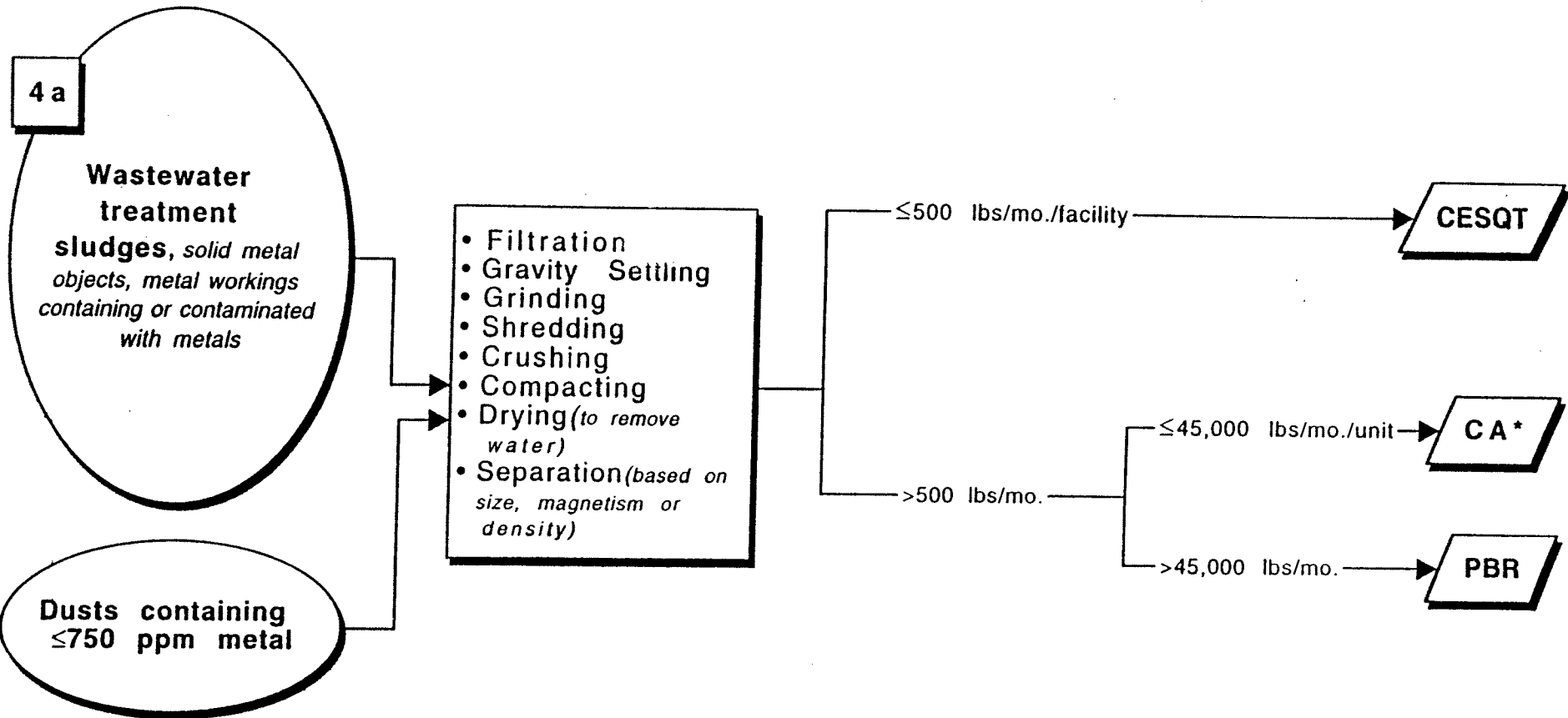
PBR — Permit by Rule (California Code of Regulations, Div. 4.5, Chapter 45)

*Must be hazardous solely due to this characteristic

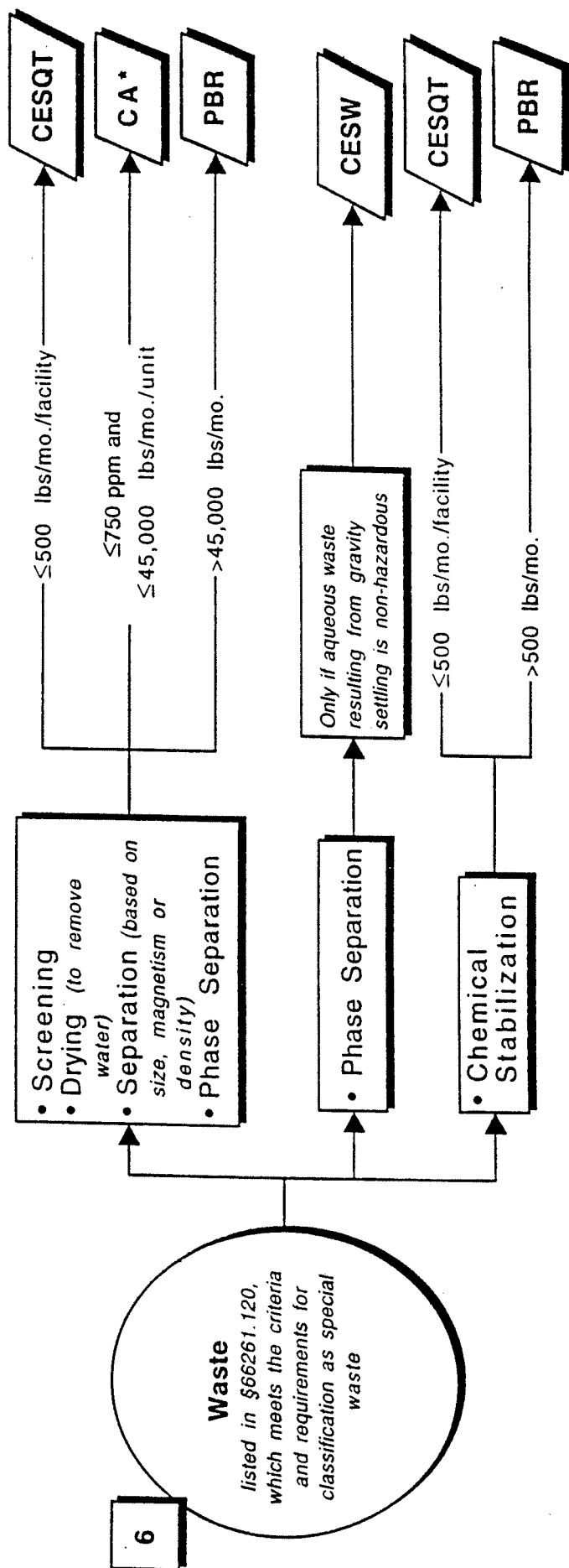
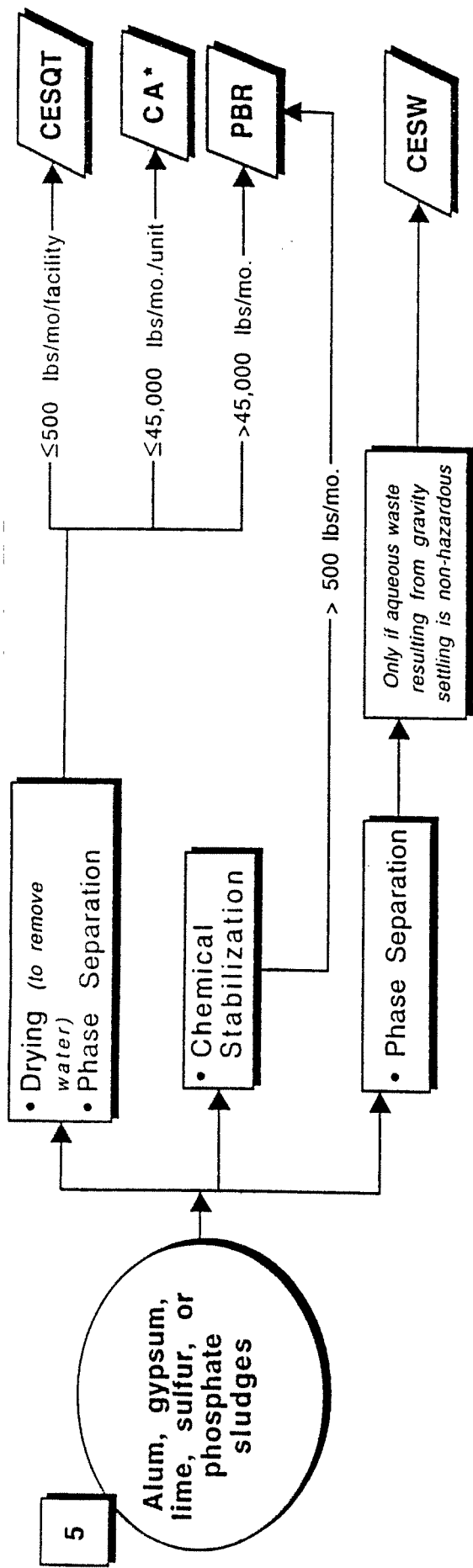




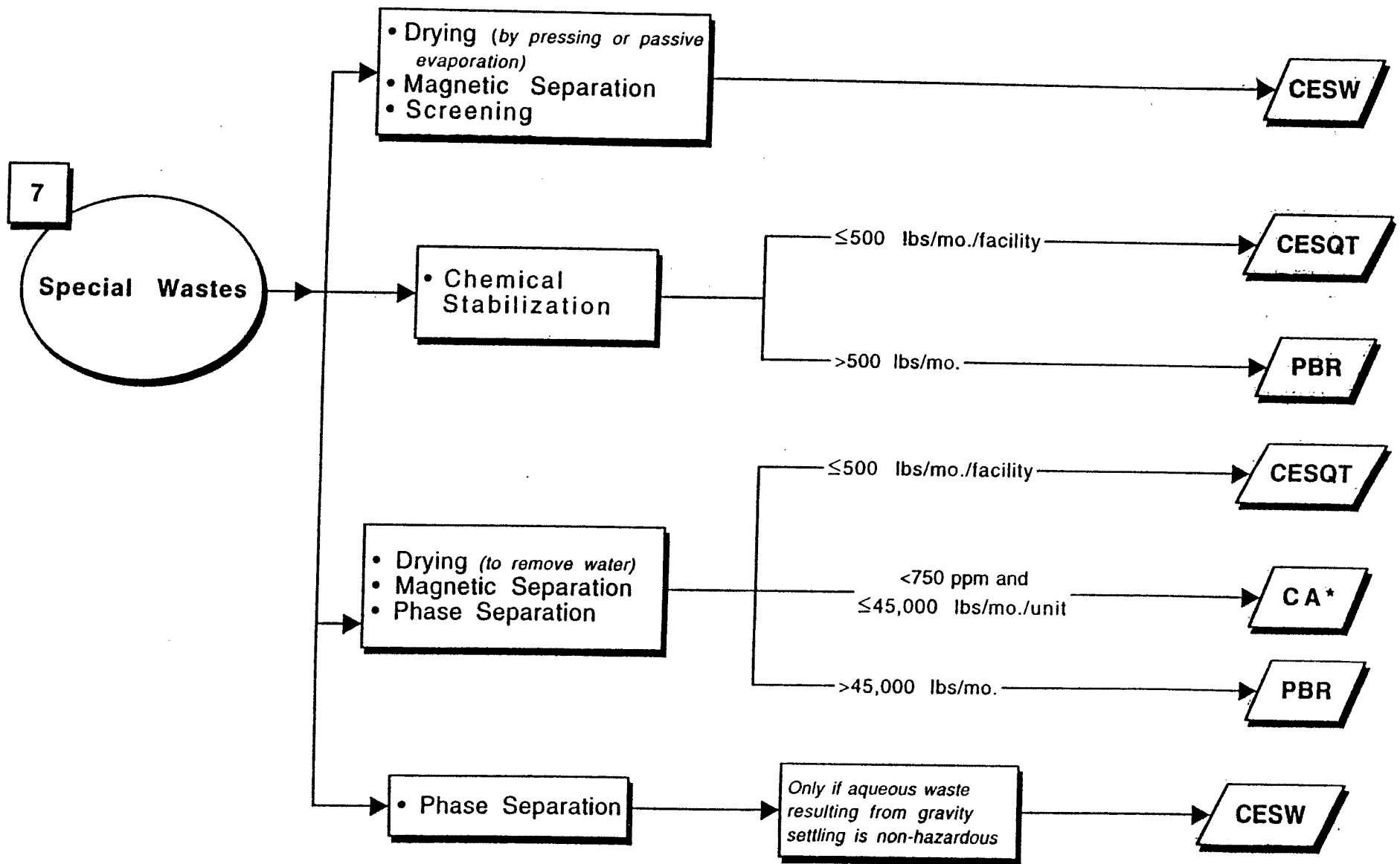
*Must be hazardous solely due to this characteristic



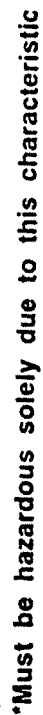
*Must be hazardous solely due to this characteristic

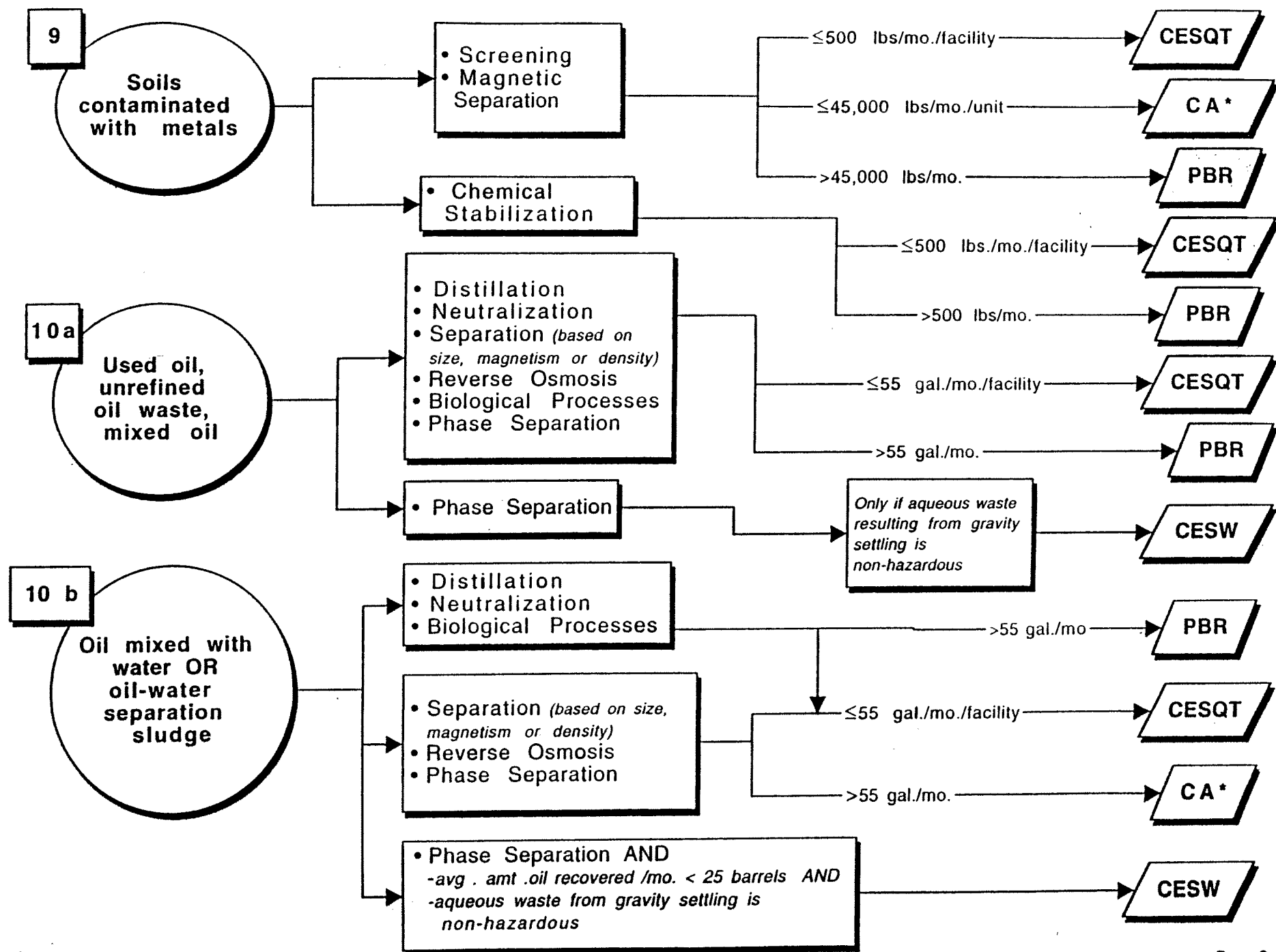


*Must be hazardous solely due to this characteristic

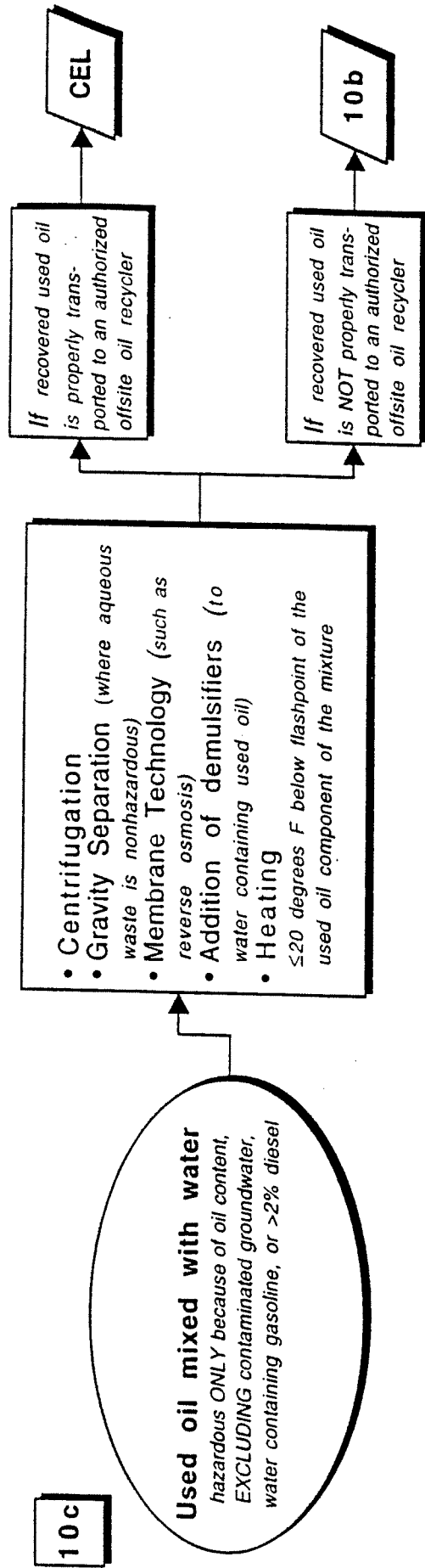


*Must be hazardous solely due to this characteristic





*Must be hazardous solely due to this characteristic



11a

Containers ≤ 110 gallon capacity (*no wood, paper, cardboard, fabric or other absorptive material*)

- Rinsing
- Crushing
- Compacting, etc.

If container is exempt per CCR 66261.7

NO authorization required

- No volume limit → CESW
- ≤ 500 lbs/mo./facility → CESQT
- > 500 lbs/mo. → PBR

11b

Aerosol Cans
(*at ambient temperature, using equipment or a technology combination certified by DTSC*)

- Puncturing
- Draining
- Crushing, etc.

If container is exempt per CCR 66261.7

NO authorization required

If aerosol cans are recycled as scrap metal-NO volume limit

CEL

If NOT recycled

Full Permit, Variance or Consent Agreement

12

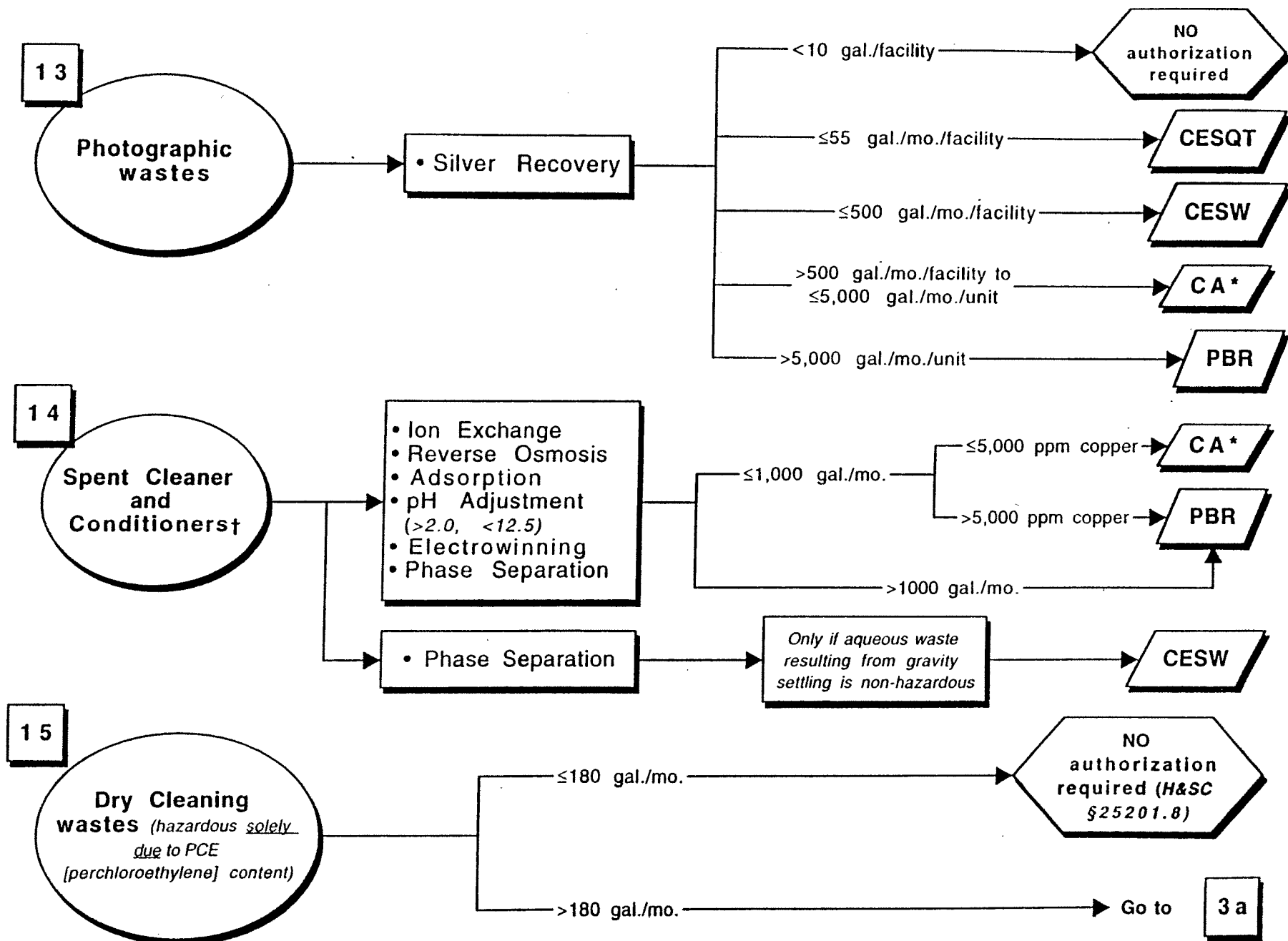
Resins

- Treatment of resins
Mixed or Cured in accordance with manufacturer's instructions

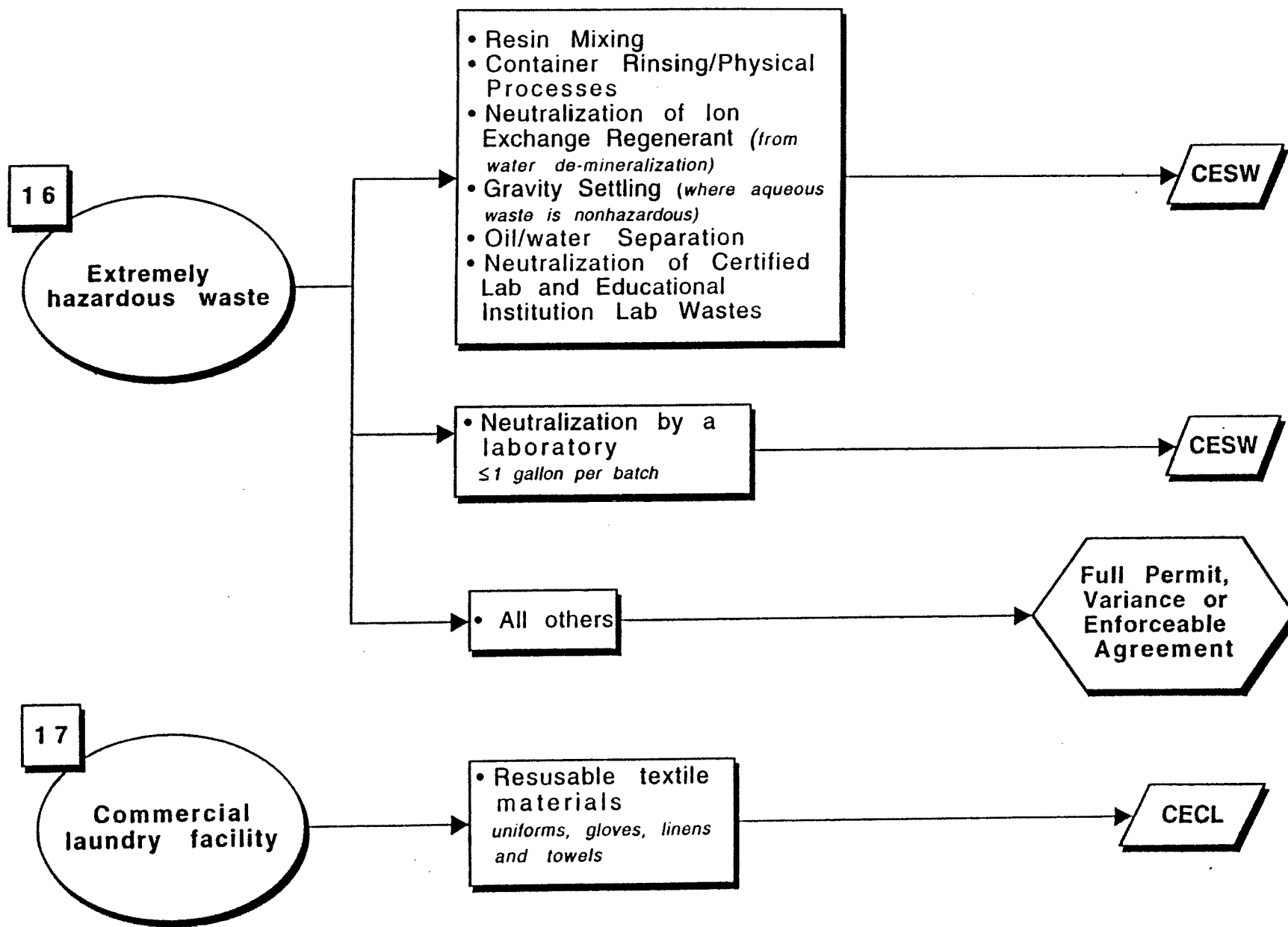
NO volume limit → CESW

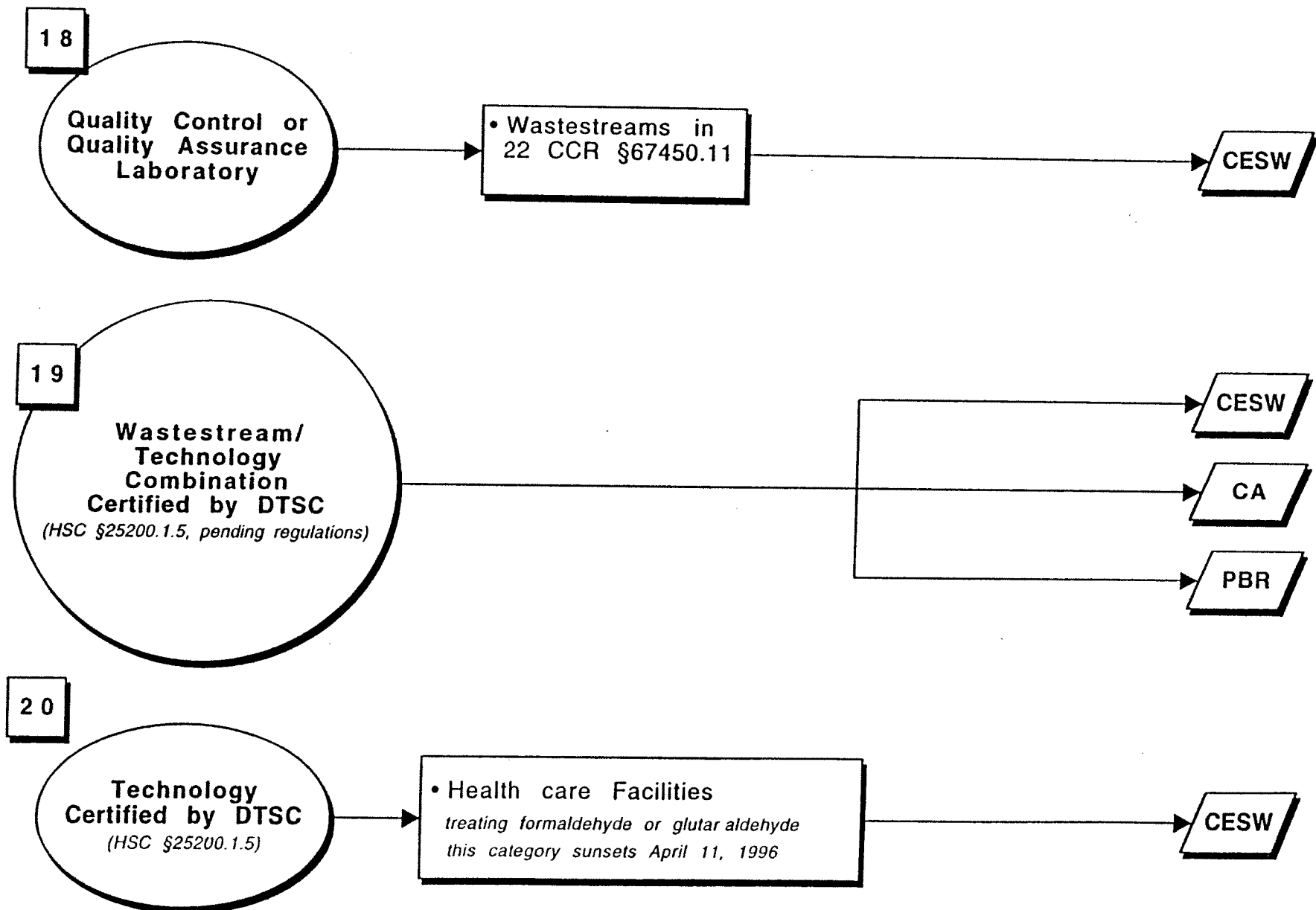
- Treatment of resins
Mixed in accordance with manufacturer's instructions

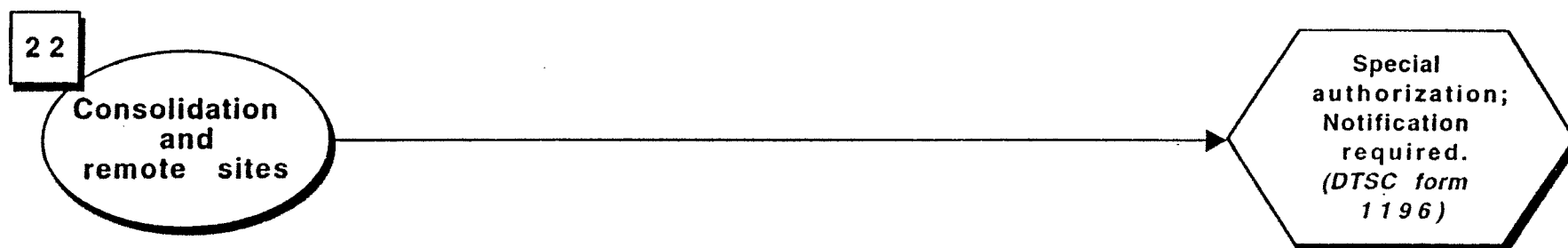
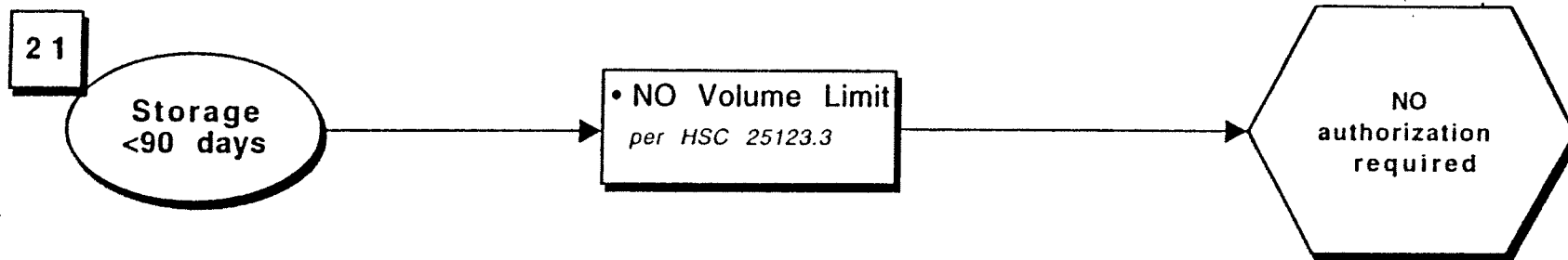
- ≤ 500 lbs/mo./facility → CESQT
- > 500 lbs/mo. → PBR



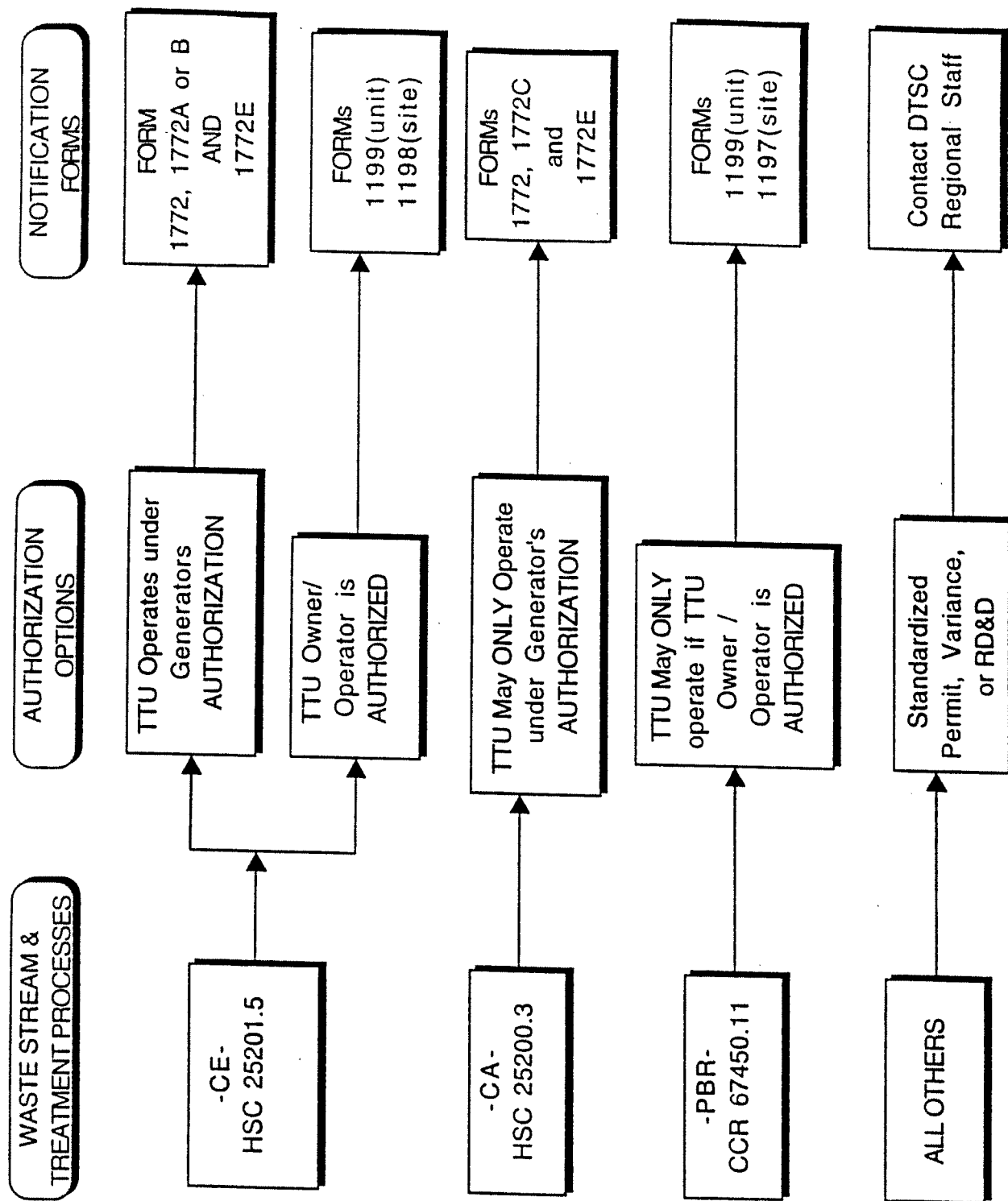
*Must be hazardous solely due to this characteristic
 †This category sunsets on 1/1/98







Transportable Treatment Units



Appendix I: Summary of Criteria Applicable to Treatment Under Permit by Rule, Conditional Authorization, and Conditional Exemption

Permit by Rule (PBR): To operate under PBR, your treatment operation must meet the following criteria:

- Treatment is exempt from RCRA (federal) permit requirement.
- Wastes were generated on the site where they are being treated.
- Waste is not reactive (Title 22, CCR, section 66261.23).
- Waste is not extremely hazardous (Title 22, CCR, sections 66261.107 to 66261.113).
- Waste is a hazardous waste only for a constituent eligible for PBR treatment. That is, the waste being treated under PBR must not be a hazardous waste for any constituent not eligible for PBR.
- Treatment is carried out for the purpose of treating only PBR eligible constituents.
- Treatment is carried out in tanks and containers.
- Wastestream is eligible for PBR:
 - o Physical form: ie, sludges, liquids, solids
 - o Chemical composition: Aqueous, non-aqueous, constituents
 - o Concentration limits: For some constituents
- Treatment process is specified for the specific wastestream being treated.
- All discharges to air comply with applicable local, State and federal air pollution control regulations and statutes.

Conditional Authorization (CA): To operate under conditional authorization, your treatment operation must meet the following criteria:

- Treatment is exempt from RCRA (federal) permit requirement.
- Wastes were generated on the site where they are being treated.
- Waste is not reactive (Title 22, CCR, section 66261.23).
- Waste is not extremely hazardous (Title 22, CCR, sections 66261.107 to 66261.113).
- Treatment is carried out in tanks and containers.
- Wastestream must be eligible for conditional authorization. You must examine the list of eligible treatment operations and decide which criteria apply to your operation:
 - o Physical form: ie, sludges, liquids, solids
 - o Chemical composition: Aqueous, non-aqueous, constituents
 - o Concentration limits: For some constituents

- Treatment process is specified for that particular wastestream.
- The waste is not treated in:
 - o Landfills
 - o Surface impoundments
 - o Injection wells
 - o Waste piles
 - o Land treatment units
 - o Thermal destruction units
- Volume limit of 5,000 gallons/month or 45,000 pounds/month (per treatment unit) except:
 1. Dilute aqueous wastes as described below: (no limit)
 - a. Aqueous wastes, hazardous solely due to inorganic constituents, except asbestos, listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(A) (metals) at a concentration less than 1400 ppm.
 - b. Aqueous wastes, hazardous solely due to organic constituents listed in title 22, CCR, section 66261.24(a)(1)(B) or (a)(2)(B), at a concentration less than 750 ppm.
 - c. Acidic or alkaline wastes hazardous only due to corrosivity (title 22, CCR, section 66261.22) or due to toxicity arising from the corrosive constituent provided:
 - o Waste is treated in an elementary neutralization unit
 - o Batch size does not exceed 500 gallons
 - o Treatment is conducted in tanks and containers compatible with the range of temperatures and pH expected using pH and temperature controls
 2. Oil mixed with water and oil/water separation sludges. May not include use of any of the following:
 - a. Addition of chemical additives except:
 - o For pH adjustment
 - o Chromium reduction
 - o Oil/water separation
 - o Precipitation with the use of flocculents
 - b. Radiation
 - c. Electrical current except:
 - o Electrowinning
 - o Recovery of silver from photoprocessing solutions
 - d. Pressure except:
 - o Reverse osmosis
 - o Crushing (of empty containers)
 - e. Application of heat except:
 - o Drying to remove water
 - o Demulsification
- Treatment process does not result in:
 - o Release of hazardous waste into the environment as a means of disposal
 - o An air emission of volatile hazardous constituents or toxic air contaminants unless in compliance with the local air pollution control agency

CONDITIONAL EXEMPTION (CE) – There are four separate categories within the CE tier:

Conditional Exemption Specified Wastestream (CESW): To operate under conditional exemption for one of the specified wastestreams, your treatment operation must meet the following criteria:

- Treatment is exempt from RCRA (federal) permit requirement.
- Wastes were generated on the site where they are being treated.
- Wastestream is eligible for conditional exemption as a specified wastestream (see list of specified conditional exemption wastestreams).
- Treatment process is specified for the specific wastestream being treated.
- The waste is not treated in:
 - o Landfills
 - o Surface impoundments
 - o Injection wells
 - o Waste piles
 - o Land treatment units
 - o Thermal destruction units

Conditionally Exempt Small Quantity Treatment (CESQT): To operate under conditional exemption for small quantity, your treatment operation must meet the following criteria:

- Treatment is exempt from RCRA (federal) permit requirement.
- Wastes were generated on the site where they are being treated.
- No more than 500 pounds or 55 gallons of hazardous waste is treated in any calendar month at the entire facility.
- Waste is not extremely hazardous (Title 22, CCR, sections 66261.107 to 66261.113).
- Wastestream and treatment process combination is listed for PBR.
- The generator is not required to obtain a hazardous waste facilities permit or other grant of authorization for any other activities at that site (ie: other hazardous waste treatment activities, or storage of hazardous waste).
- The waste is not treated in:
 - o Landfills
 - o Surface impoundments
 - o Injection wells
 - o Waste piles
 - o Land treatment units
 - o Thermal destruction units

Conditional Exemption-Limited (CEL): To operate under Conditional Exemption-Limited for one of the specified wastestreams, your treatment operation must meet the following criteria:

- Treatment is exempt from RCRA (federal) permit requirement.
- Wastes were generated on the site where they are being treated.

- Wastestream is eligible for conditional exemption as listed in HSC 25200.14 and meets all conditions for that waste.
Wastes include:
 - o Aerosol can crushing using DTSC certified equipment (cans must be recycled as scrap metal)
 - o Oil/water separators using specified technologies (waste cannot include contaminated groundwater, any gasoline, or more than two (2) percent diesel fuel.
- Treatment process is specified for the specific wastestream being treated.
- The waste is not treated in:
 - o Landfills
 - o Surface impoundments
 - o Injection wells
 - o Waste piles
 - o Land treatment units
 - o Thermal destruction units

Conditional Exemption for Commercial Laundries (CECL): To operate under Conditional Exemption-Limited for one of the specified wastestreams, your treatment operation must meet the following criteria:

- The reusable soiled textile materials meet these requirements (HSC 25144.6):
 - 1) The materials and their management are exempt from RCRA (federal) permit requirement.
 - 2) The materials are not used to clean up or control a spill or release that is required to be reported to any state or federal agency.
 - 3) No hazardous waste has been added after the materials' original use.
 - 4) No free liquids are released during transportation or storage of the materials.
 - 5) The facility laundering or cleaning the materials maintains records of the date, type, and quantities by piecework or weight of the materials collected and laundered.
 - 6) The facility laundering or cleaning the materials prepares a contingency plan which specifies procedures for handling both onsite and offsite emergencies involving the materials, and employees are trained in the execution of the plan.
- In order to qualify for the exemption, the laundering facility must also meet these requirements:
 - 1) Management procedures are in place to ensure that the reusable soiled textile materials are managed in accordance with all the requirements specified above.
 - 2) The waste wash water conveyances and containers are constructed of materials to ensure that they are impervious under the conditions of use, and are visually inspected at least twice a year to ensure that waste wash water is not leaking into the underlying soil. A facility which is in compliance with this paragraph is not subject to the requirements of Section 22-66264.193 of Title 26 of the California Code of Regulations.
 - 3) The sludge collected from the washing process is managed in accordance with this chapter.
 - 4) The facility has a training program in place that ensures that the facility personnel are able to safely and properly handle and clean the reusable soiled textile materials and to respond effectively to emergencies by familiarizing them with emergency procedures, equipment, and systems.

- 5) The facility is in compliance with the Conditional Exempt requirements of paragraphs (2) to (6), inclusive, and paragraphs (8) and (10), of subdivision (d) of Section 25201.5.
 - 6) The facility submits a notification to the department on or before April 1, 1994, submits the fee required, and pays the fee required subsequent years when billed by the department or the State Board of Equalization.
- The waste is not treated in:
 - o Landfills
 - o Surface impoundments
 - o Injection wells
 - o Waste piles
 - o Land treatment units
 - o Thermal destruction units



A BUSINESS UNIT
OF
E/M® CORPORATION

16616 SCHOENBORN STREET, SEPULVEDA, CA 91343
TEL (818) 894-3615 • FAX (818) 893-0641

COATING & MFG. CORP.

July 16, 1996

Department of Toxic Substances Control
Program Data Management Section
P.O. Box 806
Sacramento, CA 95812-0806

Subject: Amendment to Onsite Hazardous Waste Treatment Notification Form
EPA ID# CAD048497242

To Whom It May Concern:

Enclosed please find an amended DTSC Form 1772 along with various attachments that detail the changes required. The original Notification Form listed four units falling under the Permit by Rule category. We wish to change two of those units to the Conditionally Exempt - Small Quantity Treatment and have enclosed Unit Specific Notification Forms, DTSC 1772A, to cover the new listing. One of the other units, Unit #4, we wish to cancel because it has never been used during the three years it has been permitted. The following explains our reasons for requesting this amendment.

Unit #1 - Processing Water Treatment System

Tier - Previously "PBR" now "Conditionally Exempt - Small Quantity Treatment"
The change for this unit is based on the incorrect statement made in the original notification that hexavalent chrome reduction took place and that the waste contains metals listed in Title 22, CCR sect. 66261.24(a)(2). The correct treatment performed at this unit is the mixing of various pH wastewater streams (4.0-10.5) to obtain an adequate pH allowing for release to local POTW. The water is also run through a three chamber clarifier to allow gravitational settling of undissolved solids. The undissolved solids create a non-hazardous sludge that is disposed of off-site. Based on this information we feel the accurate tier is Conditionally Exempt - Small Quantity Treatment (no quantity limits are placed on non-hazardous effluent released to POTW).

Unit #2 - Container Disposal

Tier - Previously "PBR" now "Conditionally Exempt - Small Quantity Treatment"
The change for this unit is based on the correction that the estimated monthly total volume treated is actually 250 pounds not 500 pounds. This clearly warrants an alteration in tier.

Unit #3 - No changes

Unit #4 - Multi-Component Resin Disposal

Tier - PBR

A permit was originally requested so that if the need to combine retrograde materials for off-site disposal arose the facility would be allowed to do so. However, this unit has never been operated. All resins and coatings that are not used at this facility are either used at another of our company's facilities or recycled. No coatings or resins are considered waste and on this basis we feel that there is no need for the unit. We wish to cancel this unit and bypass all of the closure procedures. All closure procedures refer to decontamination and disposal, neither of which is required for an area where no activity occurred.

Attached are the new 1772A forms for Units #1,2 along with a new site map. Please contact me at your convenience if you require any additional information or documentation.

Sincerely,



Jennifer Holden
Administrative Manager

JH:jh

cc: Mr. Paul Lisak, Fire Dept. Health HazMat Division, Commerce, CA
Mr. L.C. Horwedel, President, E/M Corporation
Mr. G.M. Keough, Vice President - Engineering, E/M Corporation ✓

encl/

ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION FORM
FACILITY SPECIFIC NOTIFICATION

For Use by Hazardous Waste Generators Performing Treatment
Under Conditional Exemption and Conditional Authorization,
and by Permit By Rule Facilities

☐ Initial
☐ Renewal
☒ Amendment

Please refer to the attached Instructions before completing this form. You may notify for more than one permitting tier by using this notification form, DTSC 1772. You must attach a separate unit specific notification form for each unit at this location. There are different unit specific notification forms for each of the four categories and an additional notification form for transportable treatment units (TTU's). You only have to submit forms for the tier(s) that cover your unit(s). Discard or recycle the other unused forms. Number each page of your completed notification package and indicate the total number of pages at the top of each page as the 'Page ___ of ___'. Put your EPA ID Number on each page. Please provide all of the information requested; all fields must be completed except those that state 'if different' or 'if available'. Please type the information provided on this form and any attachments.

The notification fees are assessed on the basis of the number of tiers the notifier will operate under, and will be collected by the State Board of Equalization. DO NOT SEND YOUR FEE WITH THIS NOTIFICATION FORM.

I. NOTIFICATION CATEGORIES

Indicate the number of units you operate in each tier. This will also be the number of unit specific notification forms you must attach. Conditionally Exempt Small Quantity Treatment operations may not operate units under any other tier.

Number of units and attached unit specific notifications for each tier reported.

A. <u>2</u>	Conditionally Exempt-Small Quantity Treatment	D. <u>1</u>	Permit by Rule (no change)
B. <u> </u>	Conditionally Exempt-Specified Wastestream	E. <u> </u>	Commercial Laundry
C. <u> </u>	Conditionally Authorized	F. <u> </u>	Variance (Section 25143)

II. GENERATOR IDENTIFICATION

EPA ID NUMBER CA D 0 4 8 4 9 7 2 4 2 BOE NUMBER (if available) H AHQ360007419

FACILITY NAME KAL-GARD, A BUSINESS UNIT OF E/M CORPORATION

(DBA-Doing Business As)

PHYSICAL LOCATION 16616 SCHOENBORN STREET

CITY SEPULVEDA CA ZIP 91343

COUNTY LOS ANGELES

CONTACT PERSON JENNIFER HOLDEN PHONE NUMBER (818) 894 - 3615
(First Name) (Last Name)

MAILING ADDRESS, IF DIFFERENT:

COMPANY NAME SAME

STREET _____

CITY _____ STATE _____ ZIP _____

COUNTRY _____
(only complete if not USA)

CONTACT PERSON _____ PHONE NUMBER (____) _____
(First Name) (Last Name)

For DTSC Use Only
Region _____

III. RADIOACTIVE MATERIALS OR WASTE

YES NO

☐☒

Does the facility use, store or treat radioactive materials or radioactive waste?

IV. TYPE OF COMPANY: STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE:

Use either one or two SIC codes (a four digit number) that best describe your company's products, services, or industrial activity.

Example:

7384 Photofinishing lab7218 Industrial launderersFirst: 3479 CUSTOM COATING

Second: _____

V. PRIOR PERMIT STATUS: Check yes or no to each question:

YES NO

☐☒

1. Did you file a PBR Notice of Intent to Operate (DTSC Form 8462) in 1992 for this location?

☐☒

2. Do you now have or have you ever held a state or federal hazardous waste facility full permit or interim status for any of these treatment units?

☐☒

3. Do you now have or have you ever held a state or federal full permit or interim status for any other hazardous waste activities at this location?

☐☒

4. Have you ever held a variance issued by the Department of Toxic Substances Control for the treatment you are now notifying for at this location?

☐☒

5. Has this location ever been inspected by the state or any local agency as a hazardous waste generator?

VI. PRIOR ENFORCEMENT HISTORY: *Not required from generators only notifying as conditionally exempt or as a commercial laundry.*

YES NO

☐☒

Within the last three years, has this facility been the subject of any convictions, judgments, settlements, or final orders resulting from an action by any local, state, or federal environmental, hazardous waste, or public health enforcement agency?

(For the purposes of this form, a notice of violation does not constitute an order and need not be reported unless it was not corrected and became a final order.)

☐

If you answered Yes, check this box and attach a listing of convictions, judgments, settlements, or orders and a copy of the cover sheet from each document. (See the Instructions for more information)

VII. ATTACHMENTS: *Attachments are not required for Commercial Laundry facilities.*☒

1. A plot plan/map detailing the location(s) of the covered unit(s) in relation to the facility boundaries.

☒

2. A unit specific notification form for each unit to be covered at this location.

VIII. **CERTIFICATIONS:** *This form must be signed by an authorized corporate officer or any other person in the company who has operational control and performs decision-making functions that govern operation of the facility (per Title 22, California Code of Regulations (CCR) Section 66270.11). All three copies must have original signatures.*

Waste Minimization I certify that I have a program in place to reduce the volume, quantity, and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Tiered Permitting Certification I certify that the unit or units described in these documents meet the eligibility and operating requirements of state statutes and regulations for the indicated permitting tier, including generator and secondary containment requirements. I understand that if any of the units operate under Permit by Rule or Conditional Authorization, I will also be required to provide required financial assurance for closure of the treatment unit by January 1, ~~1995~~ 1997.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are substantial penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

ROBERT L. WEIBLE
Name (Print or Type)

Robert L. Weible
Signature

VICE PRESIDENT, WESTERN GENERAL
Title MGR.

7/16/96
Date Signed

OPERATING REQUIREMENTS:

Please note that generators treating hazardous waste onsite are required to comply with a number of operating requirements which differ depending on the tier(s). These operating requirements are set forth in the statutes and regulations, some of which are referenced in the Tier-Specific Fact Sheets available from the Department's regional and headquarters offices.

SUBMISSION PROCEDURES:

You must submit two copies of this completed notification by certified mail, return receipt requested, to:

*Department of Toxic Substances Control
Program Data Management Section
400 P Street, 4th Floor, Room 4453 (walk in only)
P.O. Box 806
Sacramento, CA 95812-0806.*

You must also submit one copy of the notification and attachments to the local regulatory agency in your jurisdiction as listed in Appendix 2 of the instruction materials. You must also retain a copy as part of your operating record.

All three forms must have original signatures, not photocopies.

CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT**UNIT SPECIFIC NOTIFICATION**

(pursuant to Health and Safety Code Section 25201.5(a))

The Tier-Specific Fact Sheets contain a summary of the operating requirements for this category. Please review those requirements carefully before completing or submitting this notification package.

UNIT NAME PROCESSING WATER TREATMENT SYSTEM UNIT ID NUMBER 1NUMBER OF TREATMENT DEVICES: 1 Tank(s) 0 Container(s)/Container Treatment Area(s)NUMBER OF STORAGE DEVICES: 0 Tank(s)

Please Note: Generators operating units under Conditionally Exempt Small Quantity Treatment may not operate any other units under other permitting tiers or hold any other state or federal hazardous waste permit or authorization for this facility.

Each unit must be clearly identified and labeled on the plot plan attached to Form 1772. Assign your own unique number to each unit. The number can be sequential (1, 2, 3) or you may use any system you choose.

This category is only available to generators that treat less than 55 gallons or 500 pounds of hazardous waste in any calendar month in ALL units at this facility and that are not otherwise required to obtain a hazardous waste facilities permit. This volume limit applies to the TOTAL hazardous waste treated onsite in any calendar month, and is NOT a limit for each wastestream or unit separately. The wastestreams treated must be limited to those listed in Title 22, CCR, Section 67450.11, which are also listed below.

Enter the estimated monthly total volume of hazardous waste treated by this unit. This should be the maximum or highest amount treated in any month. Indicate in the narrative (Section II) if your operations have seasonal variations.

I. WASTESTREAMS AND TREATMENT PROCESSES:Estimated Monthly Total Volume Treated: _____ pounds and/or 134,400 gallons

Estimated Monthly Total Volume Stored: _____ pounds and/or _____ gallons

YES NO

☐☒

Is the waste treated in this unit radioactive?

☐☒

Is the waste treated in this unit a bio-hazard/infectious/medical waste?

☐☒

Is remotely generated hazardous waste (HSC 25110.10) treated in this unit?

The following are the eligible wastestreams and treatment processes. Please check all applicable boxes:

1. Aqueous wastes containing hexavalent chromium may be treated by the following process:☐

- a. Reduction of hexavalent chromium to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous sulfate, ferrous sulfide or sulfur dioxide provided both pH and addition of the reducing agent are automatically controlled.

CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25201.5(a))

2. Aqueous wastes containing metals listed in Title 22, CCR, Section 66261.24 (a)(2), including silver from photofinishing, and/or fluoride salts may be treated by the following technologies:

- ☐ a. pH adjustment or neutralization.
- ☐ b. Precipitation or crystallization.
- ☐ c. Phase separation by filtration, centrifugation, or gravity settling.
- ☐ d. Ion exchange.
- ☐ e. Reverse osmosis.
- ☐ f. Metallic replacement.
- ☐ g. Plating the metal onto an electrode.
- ☐ h. Electrodialysis.
- ☐ i. Electrowinning or electrolytic recovery.
- ☐ j. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ k. Evaporation.
- ☐ l. Adsorption.

3. Aqueous wastes with total organic carbon less than ten percent as measured by EPA Method 9060 and less than one percent total volatile organic compounds as measured by EPA Method 8240 may be treated by the following technologies:

- ☒ a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
- ☐ b. Adsorption.
- ☐ c. Distillation.
- ☐ d. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.
- ☐ e. Photodegradation using ultraviolet light, with or without the addition of hydrogen peroxide or ozone, provided the treatment is conducted in an enclosed system.
- ☐ f. Air stripping or steam stripping.

4. Sludges, dusts, solid metal objects and metal workings which contain or are contaminated with metals listed in Title 22, CCR, Section 66261.24 (a)(2) and/or fluoride salts may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Physical processes which change only the physical properties of the waste such as grinding, shredding, crushing, or compacting.
- ☐ c. Drying to remove water.
- ☐ d. Separation based on differences in physical properties such as size, magnetism or density.

**CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT
UNIT SPECIFIC NOTIFICATION**
(pursuant to Health and Safety Code Section 25201.5(a))

5. Alum, gypsum, lime, sulfur or phosphate sludges may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Drying to remove water.
- ☐ c. Phase separation by filtration, centrifugation or gravity settling.

6. Wastes identified in Title 22, CCR, Section 66261.120, that meet the criteria and requirements for special waste classification in Title 22, CCR, Section 66261.122 may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Drying to remove water.
- ☐ c. Phase separation by filtration, centrifugation or gravity settling.
- ☐ d. Screening to separate components based on size.
- ☐ e. Separation based on differences in physical properties such as size, magnetism or density.

7. Wastes, except asbestos, which have been classified by the Department as special wastes pursuant to Title 22, CCR, Section 66261.124, may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Drying to remove water
- ☐ c. Phase separation by filtration, centrifugation or gravity settling.
- ☐ d. Magnetic separation.

8. Inorganic acid or alkaline wastes may be treated by the following technology:

- ☒ a. pH adjustment or neutralization.

9. Soils contaminated with metals listed in Title 22, CCR, Section 66261.24 (a)(2), (Persistent and Bioaccumulative Toxic Substances) may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Screening to separate components based on size.
- ☐ c. Magnetic separation.

CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25201.5(a))

10. Used oil, unrefined oil waste, mixed oil, oil mixed with water and oil/water separation sludges may be treated by the following technologies:

- ☐ a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
- ☐ b. Distillation.
- ☐ c. Neutralization.
- ☐ d. Separation based on differences in physical properties such as size, magnetism or density.
- ☐ e. Reverse osmosis.
- ☐ f. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.

11. Containers of 110 gallons or less capacity which are not constructed of wood, paper, cardboard, fabric, or any other similar absorptive material, which have been emptied as specified in Title 40 of the Code of Federal Regulations (CFR), section 261.7 or inner liners removed from empty containers that once held hazardous waste or hazardous material and which are not excluded from regulation may be treated by the following technologies provided the treated containers and rinseate are managed in compliance with applicable requirements:

- ☐ a. Rinsing with a suitable liquid capable of dissolving or removing the hazardous constituents which the container held.
- ☐ b. Physical processes such as crushing, shredding, grinding or puncturing, that change only the physical properties of the container or inner liner, provided the container or inner liner is first rinsed and the rinseate is removed from the container or inner liner.

12. Multi-component resins may be treated by the following process:

- ☐ a. Mixing the resin components together in accordance with the manufacturer's instructions.

13. Certified Technology:

- ☐ a. A wastestream and treatment technology combination certified by the Department pursuant to section 25200.1.5 of the Health and Safety Code. Please enter certification number:

II. NARRATIVE DESCRIPTIONS: *Provide a brief description of the specific waste treated and the treatment process used.*

1. SPECIFIC WASTE TYPES TREATED: EFFLUENT FROM OVERFLOWING RINSE TANKS
IN ACID/ALKALINE CLEANING LINE
2. TREATMENT PROCESS(ES) USED: pH ADJUSTMENT, GRAVITATIONAL SETTLING

3. SPECIFIC WASTE TYPES STORED: NONE

CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25201.5(a))

III. RESIDUAL MANAGEMENT: Check Yes or No to each question as it applies to all residuals from this treatment unit.

YES NO

- ☒ ☐ 1. Do you discharge non-hazardous aqueous waste to a publicly owned treatment works (POTW)/sewer?
- ☐ ☒ 2. Do you discharge non-hazardous aqueous waste under an NPDES permit?
- ☐ ☒ 3. Do you have your residual hazardous waste hauled offsite by a registered hazardous waste hauler?
If you do, where is the waste sent? Check all that apply.
- ☐ a. Offsite recycling
- ☐ b. Thermal treatment
- ☐ c. Disposal to land
- ☐ d. Further treatment
- ☒ ☐ 4. Do you dispose of non-hazardous solid waste residues at an offsite location?
- ☐ ☒ 5. Other method of disposal. Specify: _____

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT:

In order to demonstrate eligibility for one of the onsite treatment tiers, facilities are required to provide the basis for determining that a hazardous waste permit is not required under the federal Resource Conservation and Recovery Act (RCRA) and the federal regulations adopted under RCRA (Title 40, Code of Federal Regulations (CFR)).

Choose the reason(s) that describe the operation of your onsite treatment units:

- ☐ 1. The hazardous waste being treated is not a hazardous waste under federal law although it is regulated as a hazardous waste under California state law.
- ☒ 2. The waste is treated in wastewater treatment units (tanks), as defined in 40 CFR Part 260.10, and discharged to a publicly owned treatment works (POTW)/sewerage agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☒ 3. The waste is treated in elementary neutralization units, as defined in 40 CFR Part 260.10, and discharged to a POTW/sewerage agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☐ 4. The waste is treated in a totally enclosed treatment facility as defined in 40 CFR Part 260.10; 40 CFR 264.1(g)(5).
- ☐ 5. The company generates no more than 100 kg (approximately 27 gallons) of hazardous waste in a calendar month and is eligible as a federal conditionally exempt small quantity generator. 40 CFR 260.10 and 40 CFR 261.5.

CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25201.5(a))

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT: (continued)

- ☐ 6. The waste is treated in an accumulation tank or container within 90 days for over 1000 kg/month generators and 180 or 270 days for generators of 100 to 1000 kg/month. 40 CFR 262.34, 40 CFR 270.1(c)(2)(i), and the Preamble to the March 24, 1986 Federal Register.
- ☐ 7. Recyclable materials are reclaimed to recover economically significant amounts of silver or other precious metals. 40 CFR 261.6(a)(2)(iv), 40 CFR 264.1(g)(2), and 40 CFR 266.70..
- ☐ 8. Empty container rinsing and/or treatment. 40 CFR 261.7.
- ☐ 9. Other: Specify: _____

V. TRANSPORTABLE TREATMENT UNIT: Check Yes or No. Please refer to the Instructions for more information.

YES NO

- ☐ ☒ Is this unit a Transportable Treatment Unit?

If you answered yes, you must also complete and attach Form 1772E to this page.

CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT

UNIT SPECIFIC NOTIFICATION

(pursuant to Health and Safety Code Section 25201.5(a))

The Tier-Specific Fact Sheets contain a summary of the operating requirements for this category. Please review those requirements carefully before completing or submitting this notification package.

UNIT NAME CONTAINER DISPOSALUNIT ID NUMBER 2NUMBER OF TREATMENT DEVICES: 0 Tank(s) 1 Container(s)/Container Treatment Area(s)NUMBER OF STORAGE DEVICES: 0 Tank(s)

Please Note: Generators operating units under Conditionally Exempt Small Quantity Treatment may not operate any other units under other permitting tiers or hold any other state or federal hazardous waste permit or authorization for this facility.

Each unit must be clearly identified and labeled on the plot plan attached to Form 1772. Assign your own unique number to each unit. The number can be sequential (1, 2, 3) or you may use any system you choose.

This category is only available to generators that treat less than 55 gallons or 500 pounds of hazardous waste in any calendar month in ALL units at this facility and that are not otherwise required to obtain a hazardous waste facilities permit. This volume limit applies to the TOTAL hazardous waste treated onsite in any calendar month, and is NOT a limit for each wastestream or unit separately. The wastestreams treated must be limited to those listed in Title 22, CCR, Section 67450.11, which are also listed below.

Enter the estimated monthly total volume of hazardous waste treated by this unit. This should be the maximum or highest amount treated in any month. Indicate in the narrative (Section II) if your operations have seasonal variations.

I. WASTESTREAMS AND TREATMENT PROCESSES:

Estimated Monthly Total Volume Treated: 250 pounds and/or _____ gallonsEstimated Monthly Total Volume Stored: 250 pounds and/or _____ gallons

YES NO

☐ ☒ Is the waste treated in this unit radioactive?☐ ☒ Is the waste treated in this unit a bio-hazard/infectious/medical waste?☐ ☒ Is remotely generated hazardous waste (HSC 25110.10) treated in this unit?

The following are the eligible wastestreams and treatment processes. Please check all applicable boxes:

1. Aqueous wastes containing hexavalent chromium may be treated by the following process:

- ☐ a. Reduction of hexavalent chromium to trivalent chromium with sodium bisulfite, sodium metabisulfite, sodium thiosulfate, ferrous sulfate, ferrous sulfide or sulfur dioxide provided both pH and addition of the reducing agent are automatically controlled.

CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25201.5(a))

2. Aqueous wastes containing metals listed in Title 22, CCR, Section 66261.24 (a)(2), including silver from photofinishing, and/or fluoride salts may be treated by the following technologies:

- ☐ a. pH adjustment or neutralization.
- ☐ b. Precipitation or crystallization.
- ☐ c. Phase separation by filtration, centrifugation, or gravity settling.
- ☐ d. Ion exchange.
- ☐ e. Reverse osmosis.
- ☐ f. Metallic replacement.
- ☐ g. Plating the metal onto an electrode.
- ☐ h. Electrodialysis.
- ☐ i. Electrowinning or electrolytic recovery.
- ☐ j. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ k. Evaporation.
- ☐ l. Adsorption.

3. Aqueous wastes with total organic carbon less than ten percent as measured by EPA Method 9060 and less than one percent total volatile organic compounds as measured by EPA Method 8240 may be treated by the following technologies:

- ☐ a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
- ☐ b. Adsorption.
- ☐ c. Distillation.
- ☐ d. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.
- ☐ e. Photodegradation using ultraviolet light, with or without the addition of hydrogen peroxide or ozone, provided the treatment is conducted in an enclosed system.
- ☐ f. Air stripping or steam stripping.

4. Sludges, dusts, solid metal objects and metal workings which contain or are contaminated with metals listed in Title 22, CCR, Section 66261.24 (a)(2) and/or fluoride salts may be treated by the following technologies:

- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
- ☐ b. Physical processes which change only the physical properties of the waste such as grinding, shredding, crushing, or compacting.
- ☐ c. Drying to remove water.
- ☐ d. Separation based on differences in physical properties such as size, magnetism or density.

CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25201.5(a))

5. Alum, gypsum, lime, sulfur or phosphate sludges may be treated by the following technologies:
- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
 - ☐ b. Drying to remove water.
 - ☐ c. Phase separation by filtration, centrifugation or gravity settling.
6. Wastes identified in Title 22, CCR, Section 66261.120, that meet the criteria and requirements for special waste classification in Title 22, CCR, Section 66261.122 may be treated by the following technologies:
- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
 - ☐ b. Drying to remove water.
 - ☐ c. Phase separation by filtration, centrifugation or gravity settling.
 - ☐ d. Screening to separate components based on size.
 - ☐ e. Separation based on differences in physical properties such as size, magnetism or density.
7. Wastes, except asbestos, which have been classified by the Department as special wastes pursuant to Title 22, CCR, Section 66261.124, may be treated by the following technologies:
- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
 - ☐ b. Drying to remove water.
 - ☐ c. Phase separation by filtration, centrifugation or gravity settling.
 - ☐ d. Magnetic separation.
8. Inorganic acid or alkaline wastes may be treated by the following technology:
- ☐ a. pH adjustment or neutralization.
9. Soils contaminated with metals listed in Title 22, CCR, Section 66261.24 (a)(2), (Persistent and Bioaccumulative Toxic Substances) may be treated by the following technologies:
- ☐ a. Chemical stabilization using silicates and/or cementitious types of reactions.
 - ☐ b. Screening to separate components based on size.
 - ☐ c. Magnetic separation.

CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25201.5(a))

10. Used oil, unrefined oil waste, mixed oil, oil mixed with water and oil/water separation sludges may be treated by the following technologies:

- ☐ a. Phase separation by filtration, centrifugation or gravity settling, but excluding super critical fluid extraction.
- ☐ b. Distillation.
- ☐ c. Neutralization.
- ☐ d. Separation based on differences in physical properties such as size, magnetism or density.
- ☐ e. Reverse osmosis.
- ☐ f. Biological processes conducted in tanks or containers and utilizing naturally occurring microorganisms.

11. Containers of 110 gallons or less capacity which are not constructed of wood, paper, cardboard, fabric, or any other similar absorptive material, which have been emptied as specified in Title 40 of the Code of Federal Regulations (CFR), section 261.7 or inner liners removed from empty containers that once held hazardous waste or hazardous material and which are not excluded from regulation may be treated by the following technologies provided the treated containers and rinseate are managed in compliance with applicable requirements:

- ☒ a. Rinsing with a suitable liquid capable of dissolving or removing the hazardous constituents which the container held.
- ☒ b. Physical processes such as crushing, shredding, grinding or puncturing, that change only the physical properties of the container or inner liner, provided the container or inner liner is first rinsed and the rinseate is removed from the container or inner liner.

12. Multi-component resins may be treated by the following process:

- ☐ a. Mixing the resin components together in accordance with the manufacturer's instructions.

13. Certified Technology:

- ☐ a. A wastestream and treatment technology combination certified by the Department pursuant to section 25200.1.5 of the Health and Safety Code. Please enter certification number:

II. NARRATIVE DESCRIPTIONS: *Provide a brief description of the specific waste treated and the treatment process used.*

1. SPECIFIC WASTE TYPES TREATED: METAL CONTAINERS, LESS THAN 110
GALLON CAPACITY
2. TREATMENT PROCESS(ES) USED: RINSING, CRUSHING
3. SPECIFIC WASTE TYPES STORED: EMPTY COATING MATERIAL CONTAINERS

CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25201.5(a))

III. RESIDUAL MANAGEMENT: Check Yes or No to each question as it applies to all residuals from this treatment unit.

YES NO

- ☐ ☒ 1. Do you discharge non-hazardous aqueous waste to a publicly owned treatment works (POTW)/sewer?
- ☐ ☒ 2. Do you discharge non-hazardous aqueous waste under an NPDES permit?
- ☐ ☒ 3. Do you have your residual hazardous waste hauled offsite by a registered hazardous waste hauler?
If you do, where is the waste sent? Check all that apply.
- ☐ a. Offsite recycling
- ☐ b. Thermal treatment
- ☐ c. Disposal to land
- ☐ d. Further treatment
- ☒ ☐ 4. Do you dispose of non-hazardous solid waste residues at an offsite location?
- ☐ ☒ 5. Other method of disposal. Specify: _____

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT:

In order to demonstrate eligibility for one of the onsite treatment tiers, facilities are required to provide the basis for determining that a hazardous waste permit is not required under the federal Resource Conservation and Recovery Act (RCRA) and the federal regulations adopted under RCRA (Title 40, Code of Federal Regulations (CFR)).

Choose the reason(s) that describe the operation of your onsite treatment units:

- ☐ 1. The hazardous waste being treated is not a hazardous waste under federal law although it is regulated as a hazardous waste under California state law.
- ☐ 2. The waste is treated in wastewater treatment units (tanks), as defined in 40 CFR Part 260.10, and discharged to a publicly owned treatment works (POTW)/sewerage agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☐ 3. The waste is treated in elementary neutralization units, as defined in 40 CFR Part 260.10, and discharged to a POTW/sewerage agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.
- ☐ 4. The waste is treated in a totally enclosed treatment facility as defined in 40 CFR Part 260.10; 40 CFR 264.1(g)(5).
- ☐ 5. The company generates no more than 100 kg (approximately 27 gallons) of hazardous waste in a calendar month and is eligible as a federal conditionally exempt small quantity generator. 40 CFR 260.10 and 40 CFR 261.5.

CONDITIONALLY EXEMPT-SMALL QUANTITY TREATMENT
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25201.5(a))

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT: (continued)

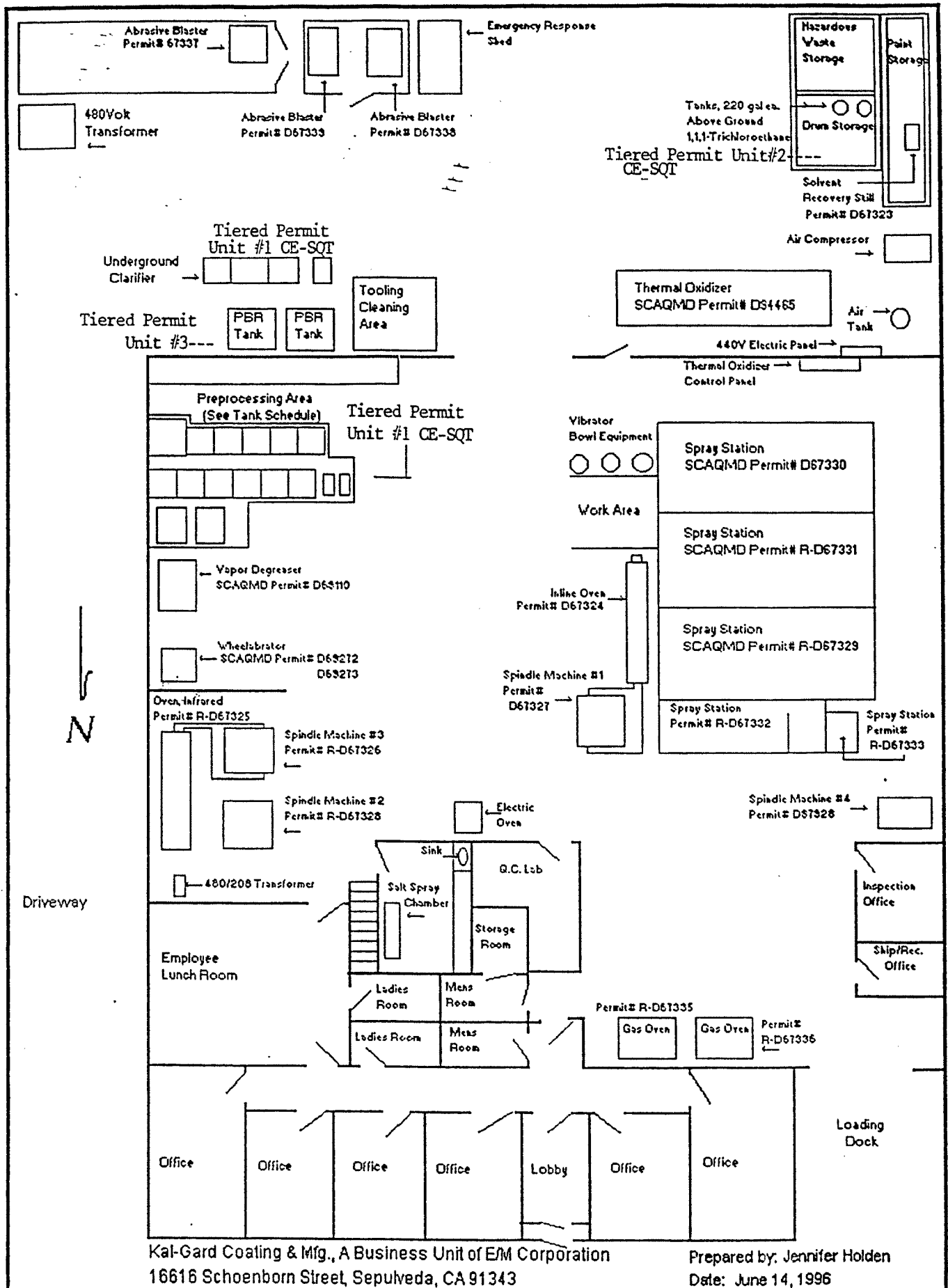
- ☐ 6. The waste is treated in an accumulation tank or container within 90 days for over 1000 kg/month generators and 180 or 270 days for generators of 100 to 1000 kg/month. 40 CFR 262.34, 40 CFR 270.1(c)(2)(i), and the Preamble to the March 24, 1986 Federal Register.
- ☐ 7. Recyclable materials are reclaimed to recover economically significant amounts of silver or other precious metals. 40 CFR 261.6(a)(2)(iv), 40 CFR 264.1(g)(2), and 40 CFR 266.70..
- ☒ 8. Empty container rinsing and/or treatment. 40 CFR 261.7.
- ☐ 9. Other: Specify: _____

V. TRANSPORTABLE TREATMENT UNIT: Check Yes or No. Please refer to the Instructions for more information.

YES NO

- ☐ ☒ Is this unit a Transportable Treatment Unit?

If you answered yes, you must also complete and attach Form 1772E to this page.



Kal-Gard Coating & Mfg., A Business Unit of E/M Corporation
16616 Schoenborn Street, Sepulveda, CA 91343

Prepared by: Jennifer Holden
Date: June 14, 1996

E

STORM WATER POLLUTION
PREVENTION PLAN

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605

DATED: OCTOBER, 1992

TABLE OF CONTENTS

	PAGE
1.0 GENERAL REQUIREMENTS	3
1.1 INTRODUCTION	3
1.2 NAME AND LOCATION OF FACILITY	3
1.3 STORM WATER POLLUTION PREVENTION POLICY AND OBJECTIVES	3
2.0 SPECIFIC REQUIREMENTS	4
2.1 SOURCE IDENTIFICATION	4
2.2 STORM WATER MANAGEMENT CONTROLS	4
2.2.1 Management Practices in Place to Prevent Storm Water Contamination	4
2.2.2 Risk Identification and Assessment	5
2.2.3 Preventitive Maintenance	5
2.2.4 Good Housekeeping	6
2.2.5 Spill Responce Procedures	6
2.2.6 Storm Water Management	6
2.2.7 Sediment and Erosion Prevention	7
2.2.8 Employee Training	7
2.2.9 Visual Inspections	7
2.2.10 Record Keeping and Internal/Audit Procedures	8
2.3 SITE INSPECTION	8
REFERENCE A-1 SITE MAP	9
REFERENCE A-2 TOPOGRAPHIC MAP	10
REFERENCE A-3 MATERIALS HANDLING MAP	11
REFERENCE A-4 MATERIALS LIST	12
REFERENCE A-5 STORM WATER MAP	13
REFERENCE B-1 INVENTORY BY MATERIAL HANDLING AREA	14
REFERENCE B-2 VULNERABILITY AREA MAP	15
REFERENCE B-3 EMERGENCY PLAN	16
REFERENCE B-4 INSPECTION FORM	17
REFERENCE B-5 RELEASE RECORD	18
REFERENCE B-6 PREVENTIVE MAINTENANCE RECORD	19
FORM C-1 ANNUAL SITE INSPECTION CHECKLIST	20

1.0 - GENERAL REQUIREMENTS

1.1 INTRODUCTION

E/M Corporation is a job shop specializing in chemical conversion coating and specialty protective coating applications to fasteners supplied by automotive and aerospace industries.

In accordance with the provisions of the General Permit for Storm Water Discharges, E/M Corporation is required to prepare and implement a Storm Water Pollution Prevention Plan (SWPPP). This document satisfies those General Permit requirements.

1.2 NAME and LOCATION of FACILITY

E/M Corporation
6940 Farmdale Avenue
North Hollywood, CA 91605
Ph. No. (213) 875-0101

The total size of this facility is

1.3 STORM WATER POLLUTION PREVENTION POLICY and OBJECTIVES

E/M Corporation requires that the health and safety of the employee and protection of the environment be primary considerations in the conduct of its business. To implement this policy, programs are in place at this facility to assure conformity with all applicable environmental laws, regulations and other requirements. The purpose of this Plan is to ensure that this facility establishes programs to prevent the discharge of hazardous substances to the environment via storm water discharges.

The primary objective of this Plan is to control the discharge of toxic or hazardous substances to surface water, both directly and via municipal storm water drains. This plan looks at facility site runoff; spillage, leaks, other releases; and drainage from material storage or handling areas.

2.0 - SPECIFIC REQUIREMENTS

2.1 Source Identification

- a. Reference A-1 is a site map, showing each storm water discharge point to the municipal storm water system from the property. Reference A-1 also identifies the drainage area for each discharge point.
- b. Reference A-2 is a topographic map, showing the entire site and an area extending a minimum of one-quarter mile in every direction beyond the site boundaries.
- c. Reference A-3 is a map showing the location of all material handling and outdoor storage areas in existence or used within the last three years.
- d. Reference A-4 is a list of materials used or stored at each material handling or storage areas during the last three years.
- e. Reference A-5 is a map showing the type, nature and direction of storm water flow.

2.2 Storm Water Management Controls

2.2.1 Management Practices in Place to Prevent Storm Water Contamination

This facility prevents contamination of storm water through procedures designed to minimize the direct contact between raw materials or waste materials and storm water. These practices include the use of sealed containers for material storage, the practice of assuring that containers remain closed, the use of indoor and/or roofed facilities and bermed areas for storage. Hazardous material area inspections are conducted each week to help ensure a release will not occur.

2.2.2 Risk Identification and Assessment

Reference B-1 identifies material handling areas, together with a current inventory of materials used, stored or handled at each area. The following areas are identified.

- a. Loading and unloading areas
- b. Outdoor storage areas

The facility has roofed/unroofed outdoor storage areas provided with secondary containment for raw materials and for waste materials. These storage areas are open to storm water, however the areas have been designed to prevent both storm water run-on and storm water run-off. The containment structure will hold 110% of the storage capacity of the unit, plus the volume of a 24 hour rain based on the 25-year storm event. Facility personnel test all storm water captured within the containment structure prior to manual pumping and discharge. On the basis of this procedure, the risk of a release of raw materials or waste materials via storm water is very low. These areas have no history of releases to storm water.

2.2.3 Preventive Maintenance

The Environmental Consultant will perform semi-annual inspections of all catch basins to assure that all such storm water management devices are clean and properly functioning. In addition, the Environmental Consultant will identify those pieces of equipment and systems that, if there is a breakdown, could cause a discharge of pollutants to storm water systems. In particular, the Environmental Consultant will evaluate valves, pumps, pipes, tanks, scrubbers and spill control equipment. Following these inspections the Environmental Consultant will update, if necessary, the regular inspection and preventive maintenance program designed to prevent failure of the specified equipment or systems.

2.2.4 Good Housekeeping

The accumulation of debris and trash can lead to the discharge of pollutants to the storm water system. Facility management has implemented a program to assure that the Maintenance department performs housekeeping on a regular basis. In particular, site personnel will maintain trash dumpster area at all times, and vacuum the vulnerability area daily.

2.2.5 Spill Response Procedures

Reference B-2 is a map identifying those areas most vulnerable to spills or releases. This facility has in place an emergency plan entitled "Business Emergency Plan", Reference B-3 contains a copy of this plan. If there is a release, employees will follow the procedures contained in the plan. Reference B-3 includes the emergency response equipment available at the site.

2.2.6 Storm Water Management

The low risk nature of the various potential sources of storm water pollutants at the site indicates that traditional storm water management techniques, such as impoundments, are not appropriate to the operation. Such impoundments, if unlined, may increase the risk of ground water contamination.

Other traditional methods, such as oil/water separators, are likewise inapplicable to the site because the risk of a release of significant quantities of oil or other floating product is remote. This facility already features run-on prevention and no additional measures would be likely to have a significant reduction in the likelihood of a release to storm water.

The Environmental Consultant will evaluate the material handling areas. This will assure that if any additional measures for reducing the potential for release to storm water are needed, Management will be notified and the measures implemented.

2.2.7 Sediment and Erosion Prevention

There are no areas at this site that, due to topography, activities or other factors, have a high potential for significant soil erosion.

2.2.8 Employee Training

Management shall ensure that all personnel with responsibility for maintenance activities or material storage are trained in the following areas:

- a. This Plan;
- b. Good housekeeping practices;
- c. Good storage practices;

Management will provide initial training to Supervisors by March 30, 1993. They will also train new Supervisors within 60 days of assuming supervisory responsibilities. Supervisors shall train all employees assigned to their area. Supervisors will refresh their training by reviewing this Plan, and any update thereto, at least annually. Additional formal training will be at the discretion of Management.

2.2.9 Visual Inspections

The facility Environmental Coordinator shall regularly inspect all material handling areas for evidence of, or the potential for, pollutants entering the storm water system. Reference B-4 is the inspection form that will be used to perform these inspections. The Environmental Coordinator will refer any deficiencies found to Company Management for correction. Upon correction, Company Management will send Reference B-4 to the Environmental Coordinator, who will be responsible for tracking correction of deficiencies.

2.2.10 Record Keeping and Internal Reporting Procedures

The facility will keep records for 3 years of any spills or releases to the storm water system, Reference B-5 will be used to record all such releases. Records of all inspection and maintenance activities performed pursuant to this plan on Reference B-4, or for preventive maintenance, Reference B-6 and any storm water monitoring records will be retained for 3 years.

2.3 Site Inspection

The Environmental Consultant will conduct an annual inspection to verify the continued accuracy of the Storm Water Pollution Prevention Plan, particularly the drainage map, the presence, function and adequacy of controls. Upon completion of such inspection, the Environmental Consultant will update this Plan, if needed. The Environmental Consultant will record significant observations on Form C-1. Copies of Form C-1 will be retained for 3 years.

REFERENCE A-4

MATERIALS LIST

1. PAINT
2. RESINS
3. METHYL ETHYL KETONE (MEK)
4. TOLUENE
5. (TCA) 1,1,1-TRICHLOROETHANE
6. WASTE PHOSPHORIC ACID
7. WASTE SODIUM HYDROXIDE
8. WASTE AMMONIUM BIFLUORIDE
9. WASTE SPRAY BOOTH FILTERS

REFERENCE B-1

INVENTORY BY MATERIAL HANDLING AREAS

AREA "A"

1. PAINT
2. RESINS
3. METHYL ETHYL KETONE (MEK)
4. TOLUENE

AREA "B"

1. (TCA) 1,1,1 TRICHLOROETHANE
2. WASTE MEK
3. WASTE TOLUENE
4. WASTE RESINS
5. WASTE TCA

AREA "C"

1. WASTE PHOSPHORIC ACID
2. WASTE SODIUM HYDROXIDE
3. WASTE AMMONIUM BIFLUORIDE

AREA "D"

1. WASTE SPRAY BOOTH FILTERS

REFERENCE B-3
EMERGENCY PLAN
(SEE ATTACHMENT)

REFERENCE B-4
INSPECTION FORM

Area _____

Date _____

All containers closed?

Valves closed?

Any spillage noted?

Spill diversion functional?

Containment intact?

Key Y=yes; N=no; N/A=not applicable.

Follow-up action required _____

Date completed _____

REFERENCE B-5

RELEASE RECORD

Date

Time

Material released

Chemical composition (see MSDS)

Quantity

Describe events leading to release _____

Describe environmental fate (pathway) of release

Was release reported?

If so, to whom?

List any case numbers assigned.

Decontamination required?

Follow-up action required (list)?

REFERENCE B-6

PREVENTIVE MAINTENANCE RECORD

Form C-1

ANNUAL SITE INSPECTION CHECKLIST

1. Is drainage map accurate?
2. Are all listed storm water controls in place?
3. Are all listed storm water controls functioning properly?
4. Have material handling areas been added or deleted?
5. Has the SWPPP been effective in the prevention of pollutants from entering storm drain system?
6. If not, list all changes needed.

Inspector

Date _____

N.

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA
91605

LATITUDE 34°11'
LONGITUDE 118°22'
ELEVATION 710'

2" MAIN WATER
SUPPLY

PROPERTY LINE

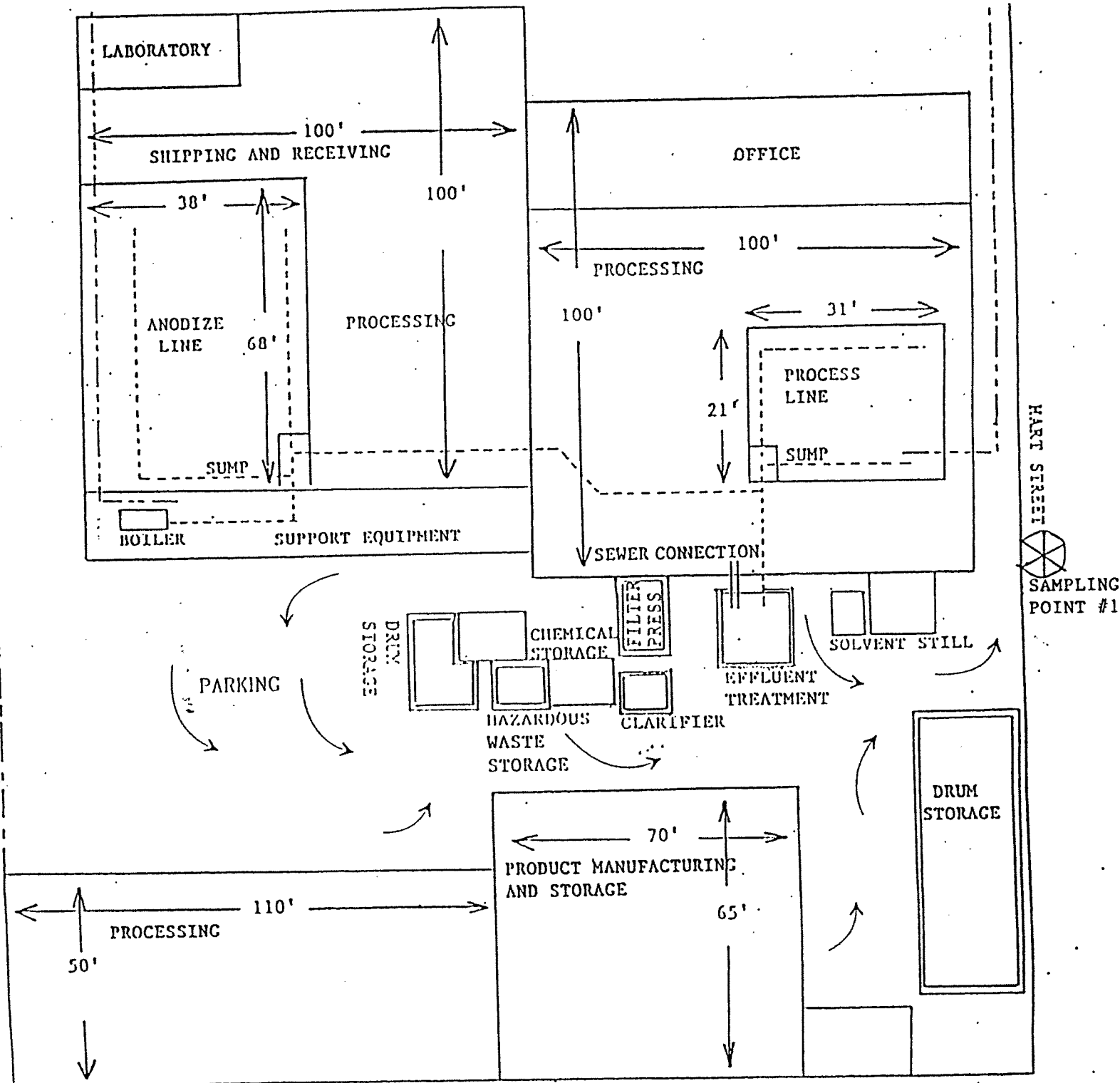
6" WASTE WATER-
LINE (ABOVE
GROUND)

+ WATER METERS

DRAWN BY: *[Signature]*
DATE: 9-17-90

REVIEWED BY: *[Signature]*
DATE: 9/17/90

STORM WATER MAP



E/M® CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605

MONITORING PROGRAM
STORM WATER

PERMIT# 4B19S001224

PREPARED BY: JENNIFER HOLDEN

TABLE OF CONTENTS

1.0 GENERAL REQUIREMENTS

- 1.1 Introduction
- 1.2 Description of Operation, Name and Location of Facility
- 1.3 Storm Water Monitoring Program Objectives

2.0 SPECIFIC REQUIREMENTS

- 2.1 Annual Site Inspection
- 2.2 Dry Season Visual Observations
- 2.3 Wet Season Visual Observations
- 2.4 Wet Season Sampling and Analysis
- 2.5 Record Keeping
- 2.6 Annual Report

ATTACHMENTS

Reference (a)

Form A-1

Form A-2

Reference (b)

1.0 GENERAL REQUIREMENTS

1.1 Introduction

In accordance with the provisions set forth in 40 CFR Section 122, 123 and 124, of the General Permit for Storm Water discharges, and the State Water Resource Control Board's Order No. 91-13-DWQ as amended by Water Quality Order No. 92-12-DWQ on October 23, 1992 E/M Corporation was issued a Statewide Industrial Activities Permit and is therefore required, among other things, to prepare and implement this Storm Water Monitoring Program.

1.2 Description of Operation, Name and Location of Facility

E/M Corporation is a job shop specializing in chemical conversion coating and specialty protective coating applications to fasteners supplied by automotive and aerospace industries.

E/M Corporation
6940 Farmdale Avenue
North Hollywood, CA 91605

Telephone: 818-983-1952

1.3 Storm Water Monitoring Program Objectives

The primary objective of this Program is to ensure that storm water discharged to the storm drain is in compliance with the limitations specified in the Clean Water Act, Section 301 and 402 and the best management practices (BMP's) (at this time the state has not adopted any limits for industry, except the 10 Industries identified in 40 CFR Subchapter N.) In addition to effluent monitoring, this facility is also using this program to measure the effectiveness of its Storm Water Pollution Prevention Plan (SWPPP), so the policies, practices and procedures used at this facility can be evaluated and revised if necessary.

2.0 SPECIFIC REQUIREMENTS

2.1 Annual Site Inspection

2.1.1 Form C-1 of the Storm Water Pollution Prevention Plan (SWPPP) provides a checklist for the Annual Site Inspection. This list focuses on the following areas:

- a. Is the drainage map accurate?
- b. Are all listed storm water controls in place?
- c. Are all listed storm water controls functioning properly?
- d. Have material handling areas been added or deleted?
- e. Has the SWPPP been effective in the prevention of pollutants from entering the storm water system?

2.1.2 When the Annual Site Inspection is complete and demonstrates the SWPPP is effective, or all necessary mitigations have been updated, a Corporate Officer or his designee must certify that the facility is in compliance with the General Permit and SWPPP.

2.2 Dry Season Visual Observations (May-Sept)

2.2.1 Twice during the dry season a visual inspection will be conducted at each storm water discharge point, as well as the path of storm water flow. The inspector will look for stains, sludges, odors, or any other abnormal condition that may exist.

2.2.2 Form A-1 will be used to record the description of each location and what was observed. This record will also contain information of any tests that are conducted and their results.

2.3 Wet Season Visual Observations (Oct-Apr)

2.3.1 During the wet season, a visual inspection will be conducted each month during the first of one storm event with significant storm water discharge. The path of the storm water flow, as well as the discharge point will be observed looking for the following abnormal conditions: (a) floating debris, (b) sheen on water, and (c) discolored water.

2.3.2 Form A-2 will be used to record the findings from the storm water discharge point. Observations will be made for the presence of floating and suspended materials, oil and grease, discolorations, turbidity, and odor.

2.4 Wet Season Sampling and Analysis (Oct-Apr)

- 2.4.1 During the 1992/1993 Wet Season one sample event is required, thereafter, during the annual Wet Season, two sample events are required.
- 2.4.2 This facility will sample the drain where storm water is discharged to the storm drain system.
- 2.4.3 Grab samples will be used as the method of collection. These samples will be taken during a significant storm water event that is preceded by at least three working days of dry weather. The sample will be taken during the first thirty minutes of the event or as soon as practicable. A written explanation, if needed, shall be inserted in the annual monitoring report as to why the sample was not taken in the first 30 minutes.
- 2.4.4 The samples shall be analyzed for (see Reference (a)) pH (EPA Method 150.1), Total Suspended Solids (TSS) (EPA Method 160.2), Specific Conductance (EPA Method 120.1), Grease or Oil (EPA Method 413.2) or Total Organic Carbon (TOC) (EPA Method 415.1). EPA Method 624 will be used to detect any volatile hydrocarbons.
- 2.4.5 All sampling and sample preservation will be in accordance with the current edition of "Standard Methods for Examination of Water and Waste Water" (SW 846). All instruments and equipment used shall be calibrated and maintained to manufacturer's specifications. All analysis shall be conducted at a laboratory certified by the California State Department of Health Services.
- 2.4.6 See Reference (b) for sampling locations.

2.5 Record Keeping

- 2.5.1 Records (Forms A-1 & A-2) of all storm water monitoring information and copies of all reports require by the General Permit shall be retained for a period of 5 years from the date of sample, observation, measurement or report.

2.6 Annual Report

This facility will submit an annual report by July 1 of each year to the Executive Officer of the California Regional Water Quality Control Board, Los Angeles Region, 101 Centre Plaza Drive, Monterey Park, CA 91754.

E/M[®] CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605

FORM A-1

VISUAL OBSERVATION SCHEDULE
DRY SEASON (MAY-SEPT)

This form is to be completed twice during the dry season.

OBSERVATION DATE:

OBSERVATION CONDITIONS:

DISCHARGE POINT

OBSERVATIONS*

#1

Signature of Observer

*Observations should include such things as: stains, sludges, odors, or other any abnormal condition.

TEST RESULTS (if any):

E/M® CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605

FORM A-2

VISUAL OBSERVATION SCHEDULE
WET SEASON (OCT-APR)

This form is to be completed monthly during the wet season.

OBSERVATIONS DATE:

OBSERVATION CONDITIONS:

DISCHARGE POINT

OBSERVATIONS*

#1

Signature of Observer

The observations should be noted during the first hour of a storm event with significant storm water and should include such things as: stains, sludges, odors, or other any abnormal condition.

E/M® CORPORATION
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NORTH HOLLYWOOD, CA 91605

REFERENCE (b)

SAMPLING and ANALYSIS
WET SEASON (OCT-APR)

The following form is to be completed upon analysis of storm water sample.
A minimum of two samples should be collected during each wet season.

Sample Date: _____ Sampled By: _____

<u>DISCHARGE POINT</u>	<u>PARAMETER</u>	<u>METHOD</u>	<u>SAMPLE VOLUME</u>	<u>RESULTS</u>
#1	pH	150.1	100 ml	
	TSS	160.2	250 ml	
	Specific Conductance	120.1	100 ml	
	Grease & Oil	413.2	1000 ml	
	Volatile Organics	624	40 ml	

This sample shall be taken from a significant storm water event that is preceded by at least three working days of dry weather . Sample will be taken during a working day, and during the first thirty minutes of the event or as soon as practicable.

State of California
STATE WATER RESOURCES CONTROL BOARD

3646-4

1995-1996
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 1995 through June 30, 1996

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. Retain a copy of the completed Annual Report for your records.

If any information contained in Items A, B, and C below is incorrect, please cross out or highlight the incorrect information (do not white out or erase) and provide the correct information next to or above the incorrect information.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of your Regional Board (where the Annual Report must be filed) along with the name and telephone number of the contact person is indicated below.

REGIONAL BOARD INFORMATION:

LOS ANGELES REGIONAL WATER BOARD
101 CENTRE PLAZA DR.
MONTEREY PARK, CA 91754-2156

Contact: MARK PUMFORD
(213) 266-7500

GENERAL INFORMATION:

A. **Facility WDID No:**
4B19S001224

B. **Facility/Site:**
Contact Person:
DEREK NEEDHAM
Phone:
(213)875-0101

Address: E/M CORP
6940 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

C. **Owner/Operator:**
Contact Person:
DEREK NEEDHAM
Phone:
(213)875-0101

Address: E/M CORP
6940 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

SIC Code 2899 Chemical Preparations, not elsewhere classified
SIC Code 2992 Lubricating Oils & Greases
SIC Code 3471 Plating & Polishing
SIC Code 3479 Metal Coating & Allied Services
Regulated Activity: MFG. AND PROCESSING

RECEIVED

DEC 04 1995

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State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

MONITORING AND REPORTING PLAN

4. Section B.5.a of the General Permit requires you to conduct an annual site inspection. Did you conduct an annual site inspection?

 X Yes If Yes, use FORM 1 (page 9) to report findings or provide the following for each area inspected:

- o Date and time of inspection.
- o Name and title of inspector.
- o Summary of inspection findings. Evaluate if all sources of storm water pollutants have been identified in the SWPPP; if the BMPs identified in the SWPPP to address these sources of pollutants are in place and effective; and whether additional BMPs are needed. Discuss corrective actions that are necessary.

 No If No, attach an explanation.

5. Section B.5.b of the General Permit requires you to conduct visual observations of all discharge locations at least twice during the dry season (May through September). How many dry season observations did you conduct?

 None, attach an explanation why no dry season visual observations were conducted.

 One, attach an explanation why only one dry season visual observation was conducted.

 X Two

 More than two

For each dry season visual observation conducted, use FORM 2 (page 10) to report observations or provide the following for each discharge location:

- o Date and time of observation.
- o Name and title of inspector.
- o Observations of non-storm water discharge or indications of prior non-storm water discharge. Describe the discharge characteristics, i.e. odor, color, etc., and possible source of discharge, and corrective action taken. If no action has been taken, discuss what and when actions will be taken to eliminate the non-storm water discharge. Report all non-storm water discharges in Item 3 above.

6. Section B.5.c of the General Permit requires you to conduct visual observations of all discharge locations for at least one storm per month during the wet season (October through April). How many months during the wet season did you conduct visual observations? 7 . If you did not conduct visual observations in each month of the wet season, attach an explanation.

For each wet season visual observation, use FORM 3 (page 11) to report observations or provide the following information for each discharge location:

- o Date and time of observation.
- o Name and title of inspector.
- o Storm water discharge characteristics observed. For example, was the discharge discolored, very turbid; did it have an odor, evidence of floating or suspended material; did it have a sheen; or any other unusual characteristics? If any were observed, discuss the corrective actions taken or to be taken.

STORM WATER POLLUTION PREVENTION PLAN EVALUATION

- 9a. Only one storm was sampled because this season was extremely dry and only one storm met the requirements of being preceded by three days of dry weather and samples being able to be taken within 30 minutes of commencement of storm.

State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

SAMPLING AND ANALYSIS (cont'd)

- c. For each storm sampled, provide the following information:

	Number of Samples Taken	Number of Samples Analyzed and Reported	Constituents Tested and Reported
First Storm	1	1	pH, SC, O&G, TSS, TOC
Second Storm	N/A	N/A	
Additional Storms	N/A	N/A	

If all samples from the first and/or second storms were not analyzed, provide an explanation.

- d. Provide a summary of your sampling and analysis results. You may use Form 4 (page 12) to report your findings. The summary should include the date and time of sample, constituents tested, who did the testing, the testing results, test method used, and test detection limit. Copies of the analytical results from the laboratory should also be attached. Include a completed Form 4, or equivalent, for each sample analyzed.

For facilities subject to Federal Storm Water Effluent Limitation Guidelines, separately report the Federal Guidelines and the corresponding monitoring results.

If past years analytical results are available, on a separate sheet, compare and evaluate the analytical results from the 1994-95 testing period with the analytical results from past years (are the pollutant concentrations increasing or decreasing and why; if a reason is known?).

- e. For each storm sampled, provide the following information:

	Was sample taken during the first 30 minutes?	Were there 3 days of dry weather before the storm?
First Storm	YES	YES
Second Storm	N/A	N/A
Additional Storms	N/A	N/A

If you responded no to either of the above questions for the first or second storm, attach an explanation.

STORM WATER POLLUTION PREVENTION PLAN EVALUATION

10. Based on the samples taken, the SWPPP appears to be effective in reducing the possibility of pollutants present in the storm water discharge of this location. All amounts of constituents are low enough as to not present a hazard and are in line with the previous year's analysis.
11. The Storm Water Monitoring Plan is deemed to be sufficient and no changes required at this time.

State of California
STATE WATER RESOURCES CONTROL BOARD

1995 - 1996

ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 1 - ANNUAL SITE INSPECTION FORM

Inspection Date: 6-10-96

INSPECTED AREAS List all areas where pollutants may come in contact with storm water (i.e. exposed loading/unloading, access, storage, manufacturing or process activities occur, maintenance activities, etc.).	For each area, are the BMPs listed in the SWPPP in place?		Are additional BMPs needed to control storm water pollution?		DESCRIBE DEFICIENCIES AND CORRECTIVE ACTIONS
	YES	NO	YES	NO	
DRUM STORAGE AREA	X			X	NO DEFICIENCIES ARE FOUND AT THIS TIME. SWPPP WILL CONTINUE TO BE MONITORED AS BUSINESS CONDITIONS OR PRACTICES CHANGE.
DRIVEWAY & ASPHALT AREA	X			X	NO DEFICIENCIES ARE FOUND AT THIS TIME. SWPPP WILL CONTINUE TO BE MONITORED AS BUSINESS CONDITIONS OR PRACTICES CHANGE.
OUTSIDE PROCESSING AREA	X			X	NO DEFICIENCIES ARE FOUND AT THIS TIME. SWPPP WILL CONTINUE TO BE MONITORED AS BUSINESS CONDITIONS OR PRACTICES CHANGE.

Inspector's Name: RAYMOND KRISHOCK

Title: CORPORATE STAFF ENGINEER

Signature: _____

Date: 6-10-96

State of California
STATE WATER RESOURCES CONTROL BOARD

1995 - 1996
ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 2 - RECORD OF DRY SEASON VISUAL OBSERVATIONS

- Dry season visual observations are used to detect the presence of non-storm water discharges.
- This form should be filled out for at least two dry season visual observations between May 1 and September 30 of each year.
- Non-storm water discharges that have not been eliminated must be reported in Item 3 (page 2) of the Annual Report.

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVED? YES / <u>NO</u>	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
ENTRANCE TO STREET	6-14-95 1:00PM	INDICATIONS OF PRIOR DISCHARGE? YES / <u>NO</u>	AREA WAS CLEAR OF DEBRIS AND NO EVIDENCE OF NON-STORM WATER DISCHARGE WAS EVIDENT	NO DISCHARGE EVIDENT

Comments/Corrective Actions Taken for above: NONE

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVED? YES / <u>NO</u>	DESCRIBE OBSERVATIONS	DESCRIBE SOURCE OF DISCHARGE
ENTRANCE TO STREET	9-22-95 10:20AM	INDICATIONS OF PRIOR DISCHARGE? YES / <u>NO</u>	AREA WAS CLEAR OF DEBRIS AND NO EVIDENCE OF NON-STORM WATER DISCHARGE WAS EVIDENT	NO DISCHARGE EVIDENT

Comments/Corrective Actions Taken for above: _____

Inspector's Name: RAYMOND KRISHOCK

Title: CORPORATE STAFF ENGINEER

Signature: 

Date: 6-10-96

State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996

ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

- Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: OCTOBER Approximate time storm water discharge began: N/A

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: NO STORM IN OCTOBER

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: RAYMOND KRISHOCK

Title: CORPORATE STAFF ENGINEER

Signature: 

Date: 6-10-96

State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996

ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

- Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: NOVEMBER Approximate time storm water discharge began: N/A

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: NO STORM IN NOVEMBER

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: RAYMOND KRISHOCK

Title: CORPORATE STAFF ENGINEER

Signature: 

Date: 6-10-96

State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996

ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: DECEMBER Approximate time storm water discharge began: _____

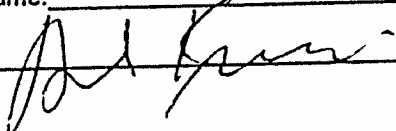
DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: NO STORM IN DECEMBER

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: RAYMOND KRISHOCK Title: CORPORATE STAFF ENGINEER

Signature:  Date: 6-10-96

State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996
ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

- Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: JANUARY Approximate time storm water discharge began: UNKNOWN

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
#1	1-22-96 6:00am	<u>Floating Materials?</u>	Suspended materials?	SLIGHTLY CLOUDY DISCHARGE WITH MINOR FLOATING MAT'L	RAIN STORM
		Odors?	Oil/grease sheen?		
		Discolorations?	<u>Cloudiness?</u>		

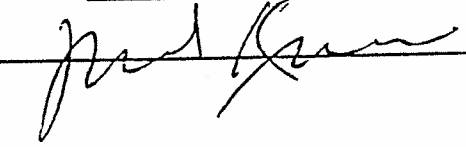
Comments/Corrective Actions Taken for above: NO SAMPLE WAS TAKEN BECAUSE STORM BEGAN DURING THE WEEKEND AND A
SAMPLE COULD NOT BE TAKEN DURING FIRST 30 MINUTES.

DISCHARGE LOCATION	DATE/ TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: RAYMOND KRISHOCK

Title: CORPORATE STAFF ENGINEER

Signature: 

Date: 6-10-96

State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996

ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: FEBRUARY Approximate time storm water discharge began: 8:00am

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
#1	2-1-96 8:20am	Floating Materials?	Suspended materials?	CLEAR DISCHARGE, FLOWING FREELY ACCOMPANIED WITH SLIGHT SHEEN	RAIN
		Odors?	<u>Oil/grease sheen?</u>		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: SHEEN IS BELIEVED TO BE FROM EMPLOYEE PARKING THAT SOMETIMES FEEDS INTO THIS AREA AND IS UNAVOIDABLE.

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: RAYMOND KRISHOCK Title: CORPORATE STAFF ENGINEER

Signature:  Date: 6-20-96

State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996
ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

- Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: MARCH Approximate time storm water discharge began: N/A

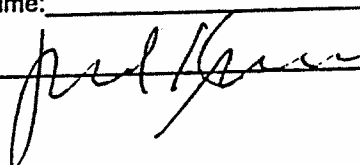
DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: NO STORM IN MARCH

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: RAYMOND KRISHOCK Title: CORPORATE STAFF ENGINEER

Signature:  Date: 6-10-96

State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996

ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

FORM 3 - RECORD OF WET SEASON VISUAL OBSERVATIONS

- Wet season observations are required to be done during the first hour of discharge for at least one storm per month between October 1 and April 30.

Month: APRIL

Approximate time storm water discharge began: _____

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: NO STORM IN APRIL

DISCHARGE LOCATION	DATE/TIME	DISCHARGE OBSERVATIONS (CIRCLE ALL THAT APPLY)		DESCRIBE DISCHARGE	DESCRIBE SOURCE OF DISCHARGE
		Floating Materials?	Suspended materials?		
		Odors?	Oil/grease sheen?		
		Discolorations?	Cloudiness?		

Comments/Corrective Actions Taken for above: _____

Inspector's Name: RAYMOND KRISHOCK

Title: CORPORATE STAFF ENGINEER

Signature: _____

Date: 6-10-96

State of California
STATE WATER RESOURCES CONTROL BOARD

1995-1996
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITY

FORM 4 - SAMPLING RESULTS

DISCHARGE POINT: #1

DATE AND TIME OF SAMPLE: 2-1-96, 8:20am TIME DISCHARGE STARTED: 8:00am

CONSTITUENT TESTED	TESTED BY: LAB/SELF ⁽¹⁾	RESULTS ⁽²⁾⁽³⁾	TEST METHOD USED ⁽⁴⁾	DETECTION LIMIT
pH		(pH UNITS)		
TOTAL SUSPENDED SOLIDS		mg/l		
SPECIFIC CONDUCTANCE		umho/cm		
OIL & GREASE		mg/l		
TOTAL ORGANIC CARBON		mg/l		
ADDITIONAL POLLUTANTS:				
	"SEE ATTACHED"			
FLOW ⁽⁵⁾		gallons		
SIZE OF STORM (IF AVAILABLE)		inches		

- (1) If testing was done by a certified laboratory, indicate "lab"; otherwise, indicate "self".
 (2) If analytical results indicate a value less than the detection limit (or non detect), show the value as less than the numerical value of the detection limit.
 (3) If you did not analyze for a particular constituent, do not report "0". Instead leave the appropriate box blank.
 (4) Indicate the test method used to determine result. In cases where analysis was conducted in the field, using portable analyzers (portable pH meters, portable EC meters, etc.), indicate with an "A"
 (5) Dischargers subject to the Santa Clara County General Permit are required to provide estimates or calculations of the volume of storm water discharged from each point. Describe, on a separate sheet, how the flow measurement was calculated.

Name of person collecting sample: RAYMOND KRISHOCK Title: CORP STAFF ENGINEER

If analysis conducted by certified laboratory, enter name of laboratory: THE ANACHEM LABORATORIES



THE ANACHEM LABORATORIES

CHEMICAL - PHYSICAL - METALLURGICAL - ENVIRONMENTAL

1724 WEST 58TH STREET
LOS ANGELES, CA 90062-2790

TELEPHONE (213) 294-1262
FAX (213) 294-3267

E/M CORPORATION
6940 Farmdale Ave.
North Hollywood, CA 91605

ATTN: Q.C. MANAGER

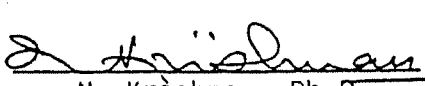
DATE February 20, 1996
LAB NO. A50560 pg.1
CUST P.O. 129753
SAMPLE (S) STORM WATER
RECEIVED 2-2-96
SAMPLE NO: 29566

SAMPLE: STORM WATER

SAMPLED: BY CLIENT

<u>CONSTITUENT</u>	<u>CONCENTRATION</u>	<u>METHOD</u> <u>EPA 600</u>	<u>DETECTION LIMIT</u>
pH	5.9 units	150.1	Not Established
Specific Conductance	0.028 mS/cm	120.1	Not Established
Suspended Solids	87 mg/L	160.2	2 mg/L
Oil and Grease	< 2 mg/L	413.1	2 mg/L
Total Organic Carbon*	< 3 mg/L	415.1	3 mg/L

*See attached report


N. Krishnan, Ph.D.
Laboratory Director

Advanced Technology

Laboratories

February 9, 1996

ELAP No.: 1838

The Anachem Laboratories
1724 West 58th Street
Los Angeles, CA 90062

ATTN: Mr. Navan Krishnan

Client's Project: EM Corp
Lab No.: 9735-001

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (310) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

Beverly Anaka for

Edgar P. Caballero
Laboratory Director
EPC/cb

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.

**Mailing Address: P.O. Box 9108 Newport Beach, CA 92658
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 310 989-4045 Fax: 310 989-4040**

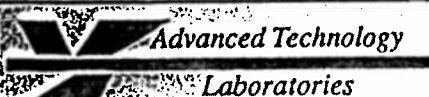
Date:	02/09/96
Sample ID:	9705 - 001
Matrix:	Water

Method: 415.1
Analyst: CDR/JG 1
Data File: 6040-1

[illegible]

Date: 2/12/96

Approved by: Cheryl De Los Reyes
Cheryl De Los Reyes
Inorganics Supervisor



1510 E. 33rd Street
Signal Hill, CA 90807
(310) 989-4045 • FAX (310) 989-4040

FOR LABORATORY USE ONLY:

Batch #: 9735 D.O. # _____
P.O. #: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport

Walk-in ☐
Courier ☐
UPS ☐
FED. EXP. ☐
ATL ☐

Sample Condition Upon Receipt

1. COOLER TEMP °C _____ (2-6) 5. SEALED ☐ Y ☐ N ☐
2. CHILLED ☐ Y ☐ N ☐ 6. # OF SPLS MATCH COC ☐ Y ☐ N ☐
3. HEADSPACE (VOA) ☐ Y ☐ N ☐ 7. PRESERVED ☐ Y ☐ N ☐
4. CONTAINER INTACT ☐ Y ☐ N ☐ 8. CONTR. LOT # _____

Client: Anachem
Attn: Nawan Krishnan

Address:

City

State

Zip Code

TEL: ()

FAX: ()

Project Name: AIR PRODUCTS EM CORP Project #: _____

Sampler: (Printed Name)

(Signature)

Relinquished by: (Signature and Printed Name)

Received by: (Signature and Printed Name)

Tri Nguyen

Date: 2/7/96

Time: 7 PM

Relinquished by: (Signature and Printed Name)

Received by: (Signature and Printed Name)

Date:

Time:

Relinquished by: (Signature and Printed Name)

Received by: (Signature and Printed Name)

Date:

Time:

Unless otherwise requested, all samples will be disposed 60 days after receipt.

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:

Print Name

Date: ____/____/____

Signature

Send Report To:

Attn: _____

Co: _____

Address _____

City _____

State _____

Zip _____

Special Instructions/Comments:

SHIP TO LAB:
(SUB CONTRACT)

TEST: _____

ATL #: _____

DATE: _____

CLIENT I.D. _____

SHIP TO LAB:
(SUB CONTRACT)

TEST: _____

ATL #: _____

DATE: _____

CLIENT I.D. _____

SHIP TO LAB:
(SUB CONTRACT)

TEST: _____

ATL #: _____

DATE: _____

CLIENT I.D. _____

Circle or Add
Analysis(es)
Requested

8010010 (Hydrogenated Volatiles GC)

8030000 (TEX (Monocyclic Volatiles GC)

8090000 (TEX (Polycyclic Aro. GC)

8240000 (TEX (Monocyclic Volatiles GC)

8250000 (TEX (Monocyclic Volatiles GC)

8010010 (Hydrogenated Volatiles GC)

8030000 (TEX (Monocyclic Volatiles GC)

8090000 (TEX (Polycyclic Aro. GC)

8240000 (TEX (Monocyclic Volatiles GC)

8250000 (TEX (Monocyclic Volatiles GC)

8010010 (Hydrogenated Volatiles GC)

8030000 (TEX (Monocyclic Volatiles GC)

CIRCLE APPROPRIATE
MATRIX

SOLID • SOIL • SLUDGE
OIL • SOLVENT • LIQUID
WATER • WASTEWATER
DRINKING WATER
AIR
WIPE • FILTER
OTHER

Container(s)

#

Type

PRESERVATION

RTNE ☒
RWOCB ☐
WIP ☐
NAVY ☐
CT ☐
OTHER ☐

REMARK

Sample Archive/Disposal:

☐ Laboratory Standard
☐ Other
☐ Return To: _____

TAT: A- Overnight B- Emergency

C- Critical D- Urgent E- Routine

2 Workdays 3 Workdays 7 Workdays

* TAT starts 8 a.m. following day if samples received after 3 p.m.

Preservatives:

H=HCl N=HNO₃ S=H₂SO₄ C=H₂O

Z=Zn(AC) O=NaOH T=NaSCN

Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Bedlar G=Glass P=Plastic M=Metal

DISTRIBUTION: White with report. Green to organic. Yellow to inorganic. Pink to Biology. Gold to submitter.

THE ANACHEM LABORATORIES

CHEMICAL • PHYSICAL • METALLURGICAL • ENVIRONMENTAL

TELEPHONE (213) 294-1262

FAX (213) 294-3267

1724 WEST 6TH STREET
LOS ANGELES, CA 90062-2790

SAMPLING ANALYSIS REQUEST

CLIENT:

E/M CORPORATION

SAMPLING

DATE

TIME:

DATE:

TIME:

2-2-96

COLLECTOR:

SAMPLED BY: ☐ THE ANACHEM LABORATORIES

☒ CLIENT

LABORATORY SAMPLE NO.	COLLECTOR'S SAMPLE NO.	TYPE OF SAMPLE	FIELD INFORMATION / SAMPLING LOCATION
29566		Storm water	

ANALYSIS/REMARKS:

please see attached P.O.#
FOR TOC

CHAIN OF CUSTODY RECORD

RELINQUISHED BY:			RECEIVED BY:	
SIGNATURE	DATE	TIME	SIGNATURE	COMPANY & TITLE
WPS	2/2/96	10:30 AM	K. Krishnan	THE ANACHEM LABORATORIES RECEIVING
K. Krishnan	2/2/96	10:35 AM	GR	THE ANACHEM LABORATORIES SAMPLE CUSTODIAN
GR	2/1/96		Frank. 612	

SPECIAL REMARKS:

THIS ANALYSIS SAMPLE IS WASTE WATER, SLUDGE, SOIL, ETC.

WD-4



RECEIVED

MAR 28 1988

E/M CORPORATION

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

215 Fremont Street
San Francisco, Ca. 94105

Aug: Please call me Bob 3/28
- 2ND ROUND -
- 30 -
- 66 ADDITION -

25 MAR 1988

CERTIFIED MAIL NO. P007796794
RETURN RECEIPT REQUESTED

In Reply
Refer to: T-4-1

Owner/Operator
EM Lubricants
6940 Farmdale Avenue
North Hollywood, CA 91606

*4 NPL SIRS
SUPERFUND
BURLING
CLUB*

Dear Owner/Operator:

The United States Environmental Protection Agency (EPA) and the Los Angeles Department of Water and Power are conducting an investigation of ground-water contamination in the San Fernando Valley to determine the nature, cause and extent of contamination in the ground-water basin. The investigation will also assess the effects of the contamination on the environment and public health.

Part of this investigation will include identifying sources of contamination within the ground-water basin. EPA has reason to believe that your company may be in possession of needed information. Under the provisions of Section 104 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), 42 U.S.C. 9604, and Section 3007 of the Resource Conservation and Recovery Act, as amended by the Solid Waste Disposal Act Amendments of 1980 (RCRA), 42 U.S.C. 6927, the Administrator of the Environmental Protection Agency has the authority to require any person who generates or has generated or otherwise handled hazardous wastes and/or hazardous substances to furnish information regarding its operations. The words "hazardous substances," "hazardous waste," and "person" are defined in 42 U.S.C. Section 9601 (14) of CERCLA, and the questions below. Pursuant to these statutory provisions, you are hereby requested to provide the following information for your facility located at 6940 Farmdale Avenue in North Hollywood, California and any other location in the San Fernando Valley:

1. A description of the purpose and operations of your facility including a detailed description of any hazardous waste storage, treatment, or disposal operations. Include the dates of operation.

2. A detailed description of all hazardous substances and hazardous wastes that were or are used or produced in operation or in production-related processes at your facility(s). Of particular importance is your information regarding past and present chlorinated solvent usage including but not limited to carbon tetrachloride (CTC), trichloroethylene (TCE), and tetrachloroethylene (PCE). For each substance and each waste used or generated, provide the following information.
 - a. The common chemical name, specific chemical name, and chemical composition by volume for liquids and weight for solids;
 - b. The total amount, in gallons for liquids and tons for solids, of annual usage or generation;
 - c. The methods and processes used to generate, store, treat, and dispose of, and otherwise handle each substance;
 - d. When and where the above processes occurred and are occurring. Please specify dates and locations as precisely as possible. Location information should include, but not limited to, information pertaining to tanks, ponds, treatment facilities, and other units which were historically used to treat, store and/or dispose of hazardous substances but which may no longer exist.
3. Any photographs, maps, diagrams regardless of their date, which show areas where hazardous substances or hazardous wastes have been or may be located.
4. A description of past and present disposal practices of hazardous substances and hazardous wastes generated or used at your facility. If off-site disposal of wastes has occurred, please provide a detailed description, including copies of manifests of hazardous substances and hazardous wastes, the names and addresses of transporters that have ever been engaged for the purpose of transporting hazardous substances or hazardous wastes from your facility, and the location to where the waste was hauled.
5. Locations and detailed descriptions of all monitoring wells, supply wells, injection wells, and underground tanks at your facility.
6. Is your facility(s) currently connected to a sewer line? If so, please identify the sewage system, date of connection, and types of wastes discharged. If you are or at some time operated your facility(s) without a sewer line connection, please identify the method of waste water disposal that you use or did use. Specifically, have you or are you using leach field(s), septic tank(s), or any other method of on-site disposal.

7. All analyses from sampling of monitoring and supply wells, underground tanks, soil samples, and soil-gas sampling conducted at your facility. Please include any reports written by consultant(s) about these sample analyses.
8. Are you or your consultants planning to perform any investigations of the soil, water (ground or surface), geology, geohydrology, or air quality on or about the site? If so, please describe the planned investigation(s).
9. A list of all current and former employees, agents, contractors, consultants, company officers, and other personnel who may possess knowledge or information relevant to this inquiry. This list should include each individual's name, address, telephone number, and job title or function.
10. Length of time your company has been at the site location and any information you have regarding former occupants of this location and their hazardous waste practices.
11. Any information regarding use and disposal of chlorinated solvents by any person or business in the San Fernando Valley.
12. A descriptive list of all insurance policies held by your company. The description should include the dates during which each policy was in force, the general type of policy (e.g., comprehensive, general liability, automobile), the insurance company issuing the policy, the policy number, and any specific provision of the policy which may relate to claims for environmental damages.
13. A detailed description of all hazardous substance and hazardous waste spills, leaks, and incidents, as well as any clean-up actions undertaken during the history of your facility's operation.
14. A list of the names and addresses of all solvent suppliers and solvent recyclers from which either products or services were acquired for use by your facility.
15. An audited set of financial statements which includes a Statement of Financial Position/Balance Sheet, Income Statement, and Statement of Changes in Working Capital, and any other supplementary information for your company's most recent fiscal year.
16. Are you owned by another corporate entity as a subsidiary, division, or otherwise?

Please answer each question separately. Documents supplied should be labelled with the number of the question that the documents address.

Your response to this request for information must be sent

to EPA within thirty (30) calendar days of your receipt of this letter and should be directed to:

Alisa Greene and/or Patti Cleary
U.S. Environmental Protection Agency
Region IX (T-4-1)
215 Fremont Street
San Francisco, CA 94105

Under Section 3008 of RCRA, U.S.C. 6928, failure to comply with this request may result in an Order requiring compliance or a civil action for appropriate relief, including penalties. Failure to comply with this request under Section 104 of CERCLA may also result in a civil enforcement action against you by EPA. In addition, Section 3008(d) of RCRA imposes criminal penalties against any person who knowingly makes any false statement or misrepresents in responding to a request for information issued under Section 3007 of RCRA.

EPA regulations governing confidentiality of business information are set forth in Part 2, Subpart B of Title 40 of the Code of Federal Regulations. For any portion of the information submitted which you believe is entitled to confidential treatment, a confidentiality claim may be asserted in accordance with 40 C.F.R., Section 2.203(b). If EPA determines that the information so designated meets the criteria set forth in 40 C.F.R., Section 2.203, the information will be disclosed only to the extent, and by means of the procedures specified in 40 C.F.R. Part 2, Subpart B. EPA will construe the failure to furnish a confidentiality claim with response to this letter as a waiver of that claim, and the information may then be made available to the public by EPA without further notice.

Please include in your response to this request a notarized affidavit from a responsible company official stating that a diligent record search has been completed and that there has been a diligent interview of present and former employees who may have knowledge of operations, chemical use, and business practices. Also include in the affidavit a statement that all information responsive to this request has been forwarded to the Agency.

Please give this matter your immediate attention. If you have any questions concerning this letter, please contact Alisa Greene at (415)974-8159 or Patti Cleary at (415)974-8015.

Sincerely,



Jeff Zelikson
Director
Toxics and Waste Management Division

cc: Jon Wactor, ORC-EPA

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
215 FREMONT STREET
SAN FRANCISCO, CALIFORNIA 94105

Claim Check
No.

660479

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

☐ Hold

Date

QUAL OPPORTUNITY EMPLOYER

1ST Notice

2ND Notice

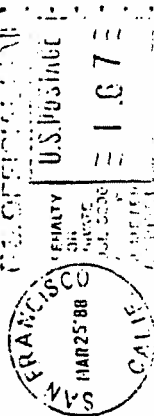
Return

Detached from
PS Form 3848-A,
Oct. 1988

CERTIFIED

P 007 796 794

MAIL



Owner/Operator
EM Lubricants
6940 Farmdale Ave.
North Hollywood, CA 91606



LAW OFFICES
BEVERIDGE & DIAMOND
A PARTNERSHIP INCLUDING A PROFESSIONAL CORPORATION
SUITE 3400
ONE SANSOME STREET
SAN FRANCISCO, CA 94104-4438
(415) 397-0100

LAWRENCE S. BAZEL

TELECOPIER (415) 397-4238

BEVERIDGE & DIAMOND, P.C.
SUITE 700
1350 I STREET, N.W.
WASHINGTON, D.C. 20005-3311
(202) 788-6000

40TH FLOOR
437 MADISON AVENUE
NEW YORK, N.Y. 10022-7380
(212) 702-8400

BEVERIDGE & DIAMOND
ONE BRIDGE PLAZA
FORT LEE, N.J. 07024-7502
(201) 585-6162

5 April 1993

David B. Jones
Chief, Remedial Action Branch
U.S. Environmental Protection Agency
Region 9
75 Hawthorne Street
San Francisco, California 94105-3901

Subject: San Fernando Valley Area 1
North Hollywood Operable Unit
EPA Superfund Site I.D. Nos. 59 and N1
Los Angeles County, California

Dear Mr. Jones:

On behalf of E/M Corporation ("E/M"), I am responding to your demand for payment of costs dated 16 March 1993. Your letter identifies E/M as a potentially responsible party and asserts that it may be liable, in accordance with section 107(a) of the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), for response costs incurred at the North Hollywood Operable Unit (the "Site"). However, for the reasons discussed in this letter, E/M is not a responsible party. We therefore request that your demand be withdrawn.

1. The E/M property is not a facility from which there has been a release that caused the incurrence of response costs.

To recover response costs from E/M, EPA will have the burden of proving that a release from the E/M property caused EPA to incur response costs. This issue was discussed in my letter of 16 October 1992, which is attached as Exhibit 1.

Regardless of who has the burden, EPA apparently does not intend to sue companies that did not cause it to incur response costs at the Site. Therefore, the remainder of this letter will show that the E/M property is outside the plume, and therefore could not have caused EPA to incur response costs.

David B. Jones
5 April 1993
Page 2

2. The E/M property is outside the plume.

In accordance with agency requests, E/M has drilled nine borings on its property and analyzed soil samples to a depth of 80 feet. The results are attached as Exhibit 2. As you can see, the maximum concentration of tetrachloroethene ("PCE") detected was 80 ppb. No trichloroethene ("TCE") was detected in any sample.

In October 1991, EPA's consultant (Montgomery Engineers) identified two PCE plumes¹, as shown in Exhibit 3. As you can see, the E/M property is located between the two plumes. In Exhibit 4, E/M has replotted the plume boundaries on a more detailed map of the North Hollywood area.

In November 1992, a second EPA consultant (CH₂M Hill) published a very different plume map², which is attached as Exhibit 5 and replotted as Exhibit 6. In this map, the western plume has entirely disappeared. The eastern plume has moved west, spread out, and changed shape. Where in October 1991 there had been fingerlike projections extending west from the Burbank airport, in November 1992 there was a much larger, rounder area, as though someone had covered the fingers with a baseball mitt. It is not clear whether the differences between the October 1991 and November 1992 maps are the result of an actual change in the plume boundaries, as opposed to a change in mapping techniques. A note on Exhibit 5 mentions that the plume contours "represent generalized two-dimensional approximations", which may mean that the contours were rounded and smoothed. Whatever the reason, the November 1992 map places E/M on the very edge of the plume boundary.

In January 1993, Montgomery Engineers published another plume map³, which is too large to reproduce in full but is shown replotted in Exhibit 7. In this map, the plume has changed shape again, and the E/M property is once again outside the plume.

¹ James M. Montgomery Engineers (October 1991), Technical Memorandum For The Phase I North Hollywood Cluster Wells, Figure 4-2.

² CH₂M Hill (December 21, 1992), Report For First and Second Quarter Sampling, 1992, San Fernando Valley Groundwater Monitoring Program, Figure 3-9.

³ James M. Montgomery Engineers (January 1993), Basinwide Remedial Investigation Report, Plate N-3.

David B. Jones

5 April 1993

Page 3

Several conclusions can be drawn from these figures. C that EPA's consultants are uncertain about the shape of the and the location of its boundaries.

More importantly, these figures show that the E/M property cannot be a source of the PCE in the plume. The property was clearly outside the plume in 1991. Consequently, it could not have been a source area at that time. It cannot be a source now, after the soils have been investigated, the property concreted over, and the use of PCE discontinued, especially EPA's most recent map confirms that the property remains outside the plume. Because the E/M property was and is outside the plume, it cannot be a source area, and therefore cannot have caused EPA to incur response costs. This conclusion alone should provide sufficient justification to withdraw the demand against E/M.

This conclusion is not contradicted by the November 1992 map, in which the edge of the plume appears to have reached Heavy pumping by extraction and water-production wells to the south and west of E/M has created a cone of depression, which changed the general direction of groundwater flow from south to southwest. As a result, the plume is being pulled toward under the E/M property. Exhibit 8, adapted from the October report, shows the cone of depression west of the Burbank Airfield and suggests some of the flow directions. The November 1992 report, therefore, shows at most that the plume has been pulled to the upgradient side of the E/M property. The map confirms that there is no PCE downgradient of the E/M property, and therefore that E/M is not a source area for the groundwater contamination.

3. Only trivial concentrations of PCE were found at E/M.

As noted above, the maximum concentration of PCE found at E/M was 80 ppb. This is far below the concentrations regularly considered by agencies as source soils.

Furthermore, it is trivial compared to the concentration found at neighboring properties, as shown in Exhibit 9. Unlike neighboring properties, there were no sumps or leaking underground tanks at E/M. The trivial nature of the PCE

⁴In fact, PCE concentrations substantially higher than 80 ppb are often found near the surface in uncontaminated property because PCE vapors from groundwater or some other source migrate under the property, adhere to organic compounds, and become trapped under asphalt or concrete.

David B. Jones
5 April 1993
Page 4

concentrations at E/M is illustrated by the following calculation. First, assume that all response costs (now estimated by EPA at \$16,801,295.43) were attributable to PCE contamination; none to contamination by TCE or any other substance. Next, assume that the costs were shared among the E/M and the four nearby facilities in proportion to their maximum PCE concentrations in soil (80 ppb at E/M; 8,800 ppb at Allied Signal; 16,000 ppb at Fleetwood; 125,090 ppb at Pacific Steel; and 555,000 ppb at Hawker Pacific). If the estimated response costs of \$16,801,295.43 were divided in proportion to these concentrations, the share attributable to E/M would be a mere \$1,906.61 -- an amount appropriate for small-claims court.

4. EPA should include E/M with the other companies outside the plume that are no longer considered responsible parties.

Two companies named as potentially responsible parties in EPA's General Notice Of Liability dated 1 July 1992 are not included in the demand. One of these companies, Raintree Buckles & Jewelry, appears to be well within the western plume identified on the October 1991 map (the mysterious plume that appears to have since disappeared). The maximum PCE concentration measured in soils at Raintree was 1,200 ppb, far higher than the 80 ppb measured at E/M.

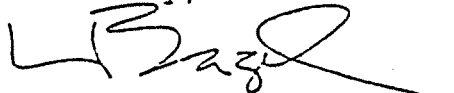
The evidence of E/M's innocence seems as least as substantial as Raintree's. Therefore, E/M should be classified as Raintree has, and the demand to E/M should be withdrawn.

5. Conclusion.

Trivial amounts of PCE were found in soils at the E/M property. However, E/M has been and continues to be outside the plume. Consequently, it has not caused EPA to incur response costs, and should not be considered a responsible party. The demand to E/M should be withdrawn.

Thank you for your attention to this matter, and please call me at (415) 983-7703 if you have any questions or would like additional information.

Sincerely,



Lawrence S. Bazel

BEVERIDGE & DIAMOND

David B. Jones
5 April 1993
Page 5

Enclosures

cc: T. Mintz (by hand)
S. Spearman (by hand)
C. Stubbs (by hand)



P.O. BOX 2400 • 2801 KENT AVENUE • WEST LAFAYETTE, INDIANA 47906
PHONE: 317-497-6100 • TELEX 27-9428 • CABLE: GLAKCHEM LAFAYETTE

GREGORY M. KEOUGH ✓
Vice President-Engineering
Phone: (317) 497-6330

February 14, 1996

Mr. Hubert H. Kang
Senior Water Resource Control Engineer
California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, California 91754-2156

Re: E/M Corporation, 6940 Farmdale Avenue,
North Hollywood; File Number 111.0397

Dear Mr. Kang:

This responds to your December 8, 1995 letter reiterating your request for E/M Corporation to perform soil gas testing at its property at 6940 Farmdale Avenue in North Hollywood, California. We appreciate your willingness to extend the time for our response to February 14, 1996, which was necessary as a result of unanticipated circumstances.

Since receiving your December letter, we have carefully reviewed all of our past correspondence and work at this property. On the basis of this review, we are concerned that we have not adequately communicated to you our position regarding the E/M property or how our overall view of the environmental status of the property relates to our concerns regarding soil gas testing. We hope to convey our position to you more accurately in this letter.

The overall purpose of soil gas testing stated in your December 8 letter and in Mr. Roy Sakaida's September 11, 1995 letter to E/M Corporation is to "provide data which will help [the Board] to determine whether or not [E/M's] site needs soil mitigation measures," and "to determine whether any volatile organic contaminants have infiltrated into soils underlying [E/M's] facility." Your letters state the following reasons why soil gas testing will advance these purposes: (1) soil boring data can underestimate volatile organic compound (VOC) concentrations in loose formations because of VOC mass loss during sampling, packing, transporting, and laboratory analytical procedures; (2) soil gas is a better means of dealing with soil heterogeneity than soil boring data; (3) soil gas data can assist in locating sources of contamination; and (4) vapor transport is

Mr. Hubert H. Kang
February 14, 1996
Page 2

a major mechanism for the transport of VOCs leading to ground water contamination (when not limited by soil moisture and retardation).

In reviewing our past responses to your letters, we realized that we have unfortunately skipped over some of the key points that we should address to respond to the purpose of and reasons for your request. Briefly, we have already confirmed the presence of VOC constituents in the soils underlying E/M's facility, we have adequately defined the extent of these constituents, and we know the probable sources of those VOCs. Thus, it is not necessary to go back to soil gas testing as a way to determine whether any VOCs have infiltrated the soils under the facility. Importantly, the data indicate that these discrete soil areas cannot be the source of any groundwater contaminants in the area.

While we do not dispute the general academic statement that soil boring data can underestimate VOC levels in loose compounds (for the reasons you have stated), even if we assume very exaggerated VOC losses in our soil sampling data, our VOC levels are well under levels of concern. Moreover, the general proposition that some VOCs volatilize during soil boring and sampling procedures is the case at every site, has always been the case, and has been recognized by government agencies in setting clean up standards for soils. We have followed all proper sampling and laboratory procedures and protocols that state and federal agencies require in order to assure the generation of data that enable appropriate review. In sum, we have a property with former discrete surface sources of a formerly used solvent (tetrachloroethane or PCE) that are the likely source of the presence of very low levels of PCE in soils, and these levels have been adequately defined both vertically and horizontally. We firmly believe the VOCs in the soils at this site are insignificant and require no further action, either by investigation or remediation.

We recognize our past correspondence has probably confused this matter unnecessarily by our references to off-site sources of VOCs. We have separately needed to clarify to the U.S. Environmental Protection Agency that the low levels of PCE in the soils near the surface of our facility could not have contributed to the trichloroethylene ground water plume 200 feet below our facility which is part of the San Gabriel Valley federal Superfund site. Since part of our dialogue with U.S. EPA involved soil gas transport questions, we now see upon reflection that we may have confused the issues and have not fully responded to your questions, which center on the question of whether the

Mr. Hubert H. Kang
February 14, 1996
Page 3

soil levels themselves at E/M's facility require additional action. While we are certain the trichloroethylene in the ground water 200 feet below is from an off-site source, we did not mean to suggest the low PCE concentration in the soils near the surface of our facility is from an off-site source.

There has been Sufficient Study of the Property

E/M is a small business and facility that manufactures and applies coating materials. Including the parking lot, the property measures just over an acre. There have been eleven soil borings advanced on this one acre property. We have taken and analyzed 48 soil samples from these borings. PCE is the only material that has been detected in any of the samples (except for one reading of methylene chloride that was a laboratory artifact).

The E/M facility has historically used a small volume of solvents in paints for coatings. Until about five years ago, the facility used PCE. The facility has a fifteen gallon distillation unit and a very small degreaser. There is also a small hazardous waste storage area for paint and solvent waste.

The soil borings were located directly at the potential source areas that had been identified by the Regional Water Quality Board officials during site visits, and extended horizontally out from those areas to the boundaries of the facility. Where levels were identified in soil borings, we conducted further soil sampling at greater depths. Altogether, we have conducted three phases of subsurface soil sampling at this facility. We have horizontally and vertically defined the presence of low concentrations of PCE in shallow soils under the facility, and have not found any other constituents in the soils. In addition, our experts have concluded that the PCE has not, and will not, migrate (via infiltration or soil gas) to groundwater and therefore presents no threat to groundwater in the area.

The Soil Testing Results do not Warrant Further Study

The low PCE levels found in soils were near the surface under the distillation and degreaser unit areas and under the small short term waste storage areas. The highest level was 80 parts per billion at a depth of six feet below the surface under the degreaser and distillation unit area. Further study of this boring shows this level declines rapidly and steadily to very low parts per billion levels with greater depth and reaches the

Mr. Hubert H. Kang
February 14, 1996
Page 4

non-detection level at 60 feet below the surface. The PCE under the hazardous waste storage area was 51 parts per billion at two feet below the surface and declined to non detect levels at 10 feet below the surface. One other boring in the vicinity of the hazardous waste storage area yielded a 7 parts per billion level at two feet below the surface and non detect results for samples at greater depths in that boring. These are extremely low levels which do not appear to warrant additional study or action.

Even if we assume unreasonably high levels of VOC losses during sampling and analysis procedures, these soil concentrations do not warrant further action. Again, we recognize the general academic point that potential volatile losses during soil boring and sampling can result in an underestimation of soil VOC concentrations; these volatile losses will obviously occur in soil boring and sampling at any site. It is also well established that soil gas data are qualitative and are routinely used as screening data to help locate soil borings. For the E/M facility, soil boring data have already been collected from the suspected source areas. Even with volatile losses, the soil boring data are well below soil cleanup criteria and do not represent a threat requiring further investigation or remediation for the following reasons.

In order to identify clean up objectives, we must identify the contaminant(s) of concern. We note that PCE does not degrade aerobically (Hinchee, R.E. et al. Bioremediation of Chlorinated Solvents, 1995, pp. 91, 153, 297). Aerobic conditions are likely to occur in the vadose zone underlying the E/M facility due to contact with soil air containing oxygen. Thus, degradation of PCE is not anticipated, which is supported by the lack of any degradation daughter products in the soil boring data from our facility.

Accordingly, any determination of soil cleanup criteria should focus on PCE. Using the California Regional Water Quality Control Board's (Los Angeles Region) "Interim Guidance for Remediation of VOC Impacted Sites" (January 1995), a soil cleanup criteria for PCE is estimated to be 364.5 parts per billion. This results from the following analysis:

1. $AF_{MAX}(PCE) = 729$ (Table 1, p.5 Appendix)
2. $D > 150$ ft (deep water table)
 $AF_D = AF = AF_{MAX} = 729$ (Eqn. 4, p.6)
3. lithology is fine to medium sand with silt and some gravel -
use sand/silt (SA) - flow is in series (low permeability
controls)
 $AF_{SA} = 1/10 AF_D = 72.9$ (Table 2, p. 8)
4. $C = AF_T * MCL$ (Eq. 12, p.9)
 $= (72.9) (5)$
 $= 364.5$ ppb

According to the comparison with VLEACH simulations, the cleanup level could be three times higher, or 1093.5 parts per billion, (Interim Guidance, p. 17). The highest soil concentration measured at the E/M facility is 80 parts per billion, which is 4.5 to 13.7 times below the potential clean up levels. In other words, even assuming an exaggerated level of volatile losses during sampling and analysis, the low levels of PCE at this site do not warrant clean up. And thus no further study is necessary.

Conclusion

In conclusion, this site simply does not warrant the attention it is getting or the expenses that would be incurred in any additional work. The past use of a small volume of PCE may have resulted in discrete releases that appear to be the likely sources of the low levels of the PCE in the soils near the surface of the facility. There have been sufficient borings to delineate the depth and horizontal extent of the PCE. Even taking the highest levels of PCE appearing in the soil and accounting for VOC losses in the sampling and handling processes, the levels are well under recommended clean up criteria for the facility. In addition, the entire facility has been paved within the last few years, thus limiting infiltration further.

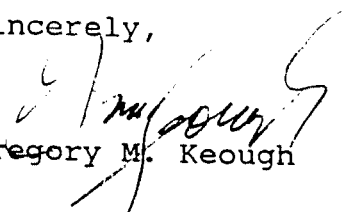
We do not mean to suggest, in general, that releases of solvents are unimportant or that soil gas investigations have no

Mr. Hubert H. Kang
February 14, 1996
Page 6

value. Rather, we believe that this site has been adequately studied and that the studies show it requires no further action. And while we recognize the Board's interest in soil gas studies, at some point in the review of a site, the analysis must return to the levels that are in the soil or ground water as the media requiring the remediation analysis under the statutory and regulatory authorities.

Accordingly, we continue to believe that any further investigation of the E/M property is not warranted. Please call Mike Scott at (317) 497-6191 or Vicki O'Meara at (312) 269-4123 if you wish to discuss this further. Thank you.

Sincerely,



Gregory M. Keough

cc: Michael D. Scott
Dr. James Mercer
Vicki A. O'Meara

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600*To: L.C.H.
G.M.K.
D.N.*RECEIVED
DEC 18 1995

E/M CORPORATION

December 8, 1995

Mr. Michael D. Scott
Senior Environmental Counsel
Great Lakes Chemical Corporation
One Great Lake Boulevard
West Lafayette, IN 47906WELL INVESTIGATION PROGRAM - SOIL GAS INVESTIGATION
E/M CORPORATION, 6940 FARMDALE AVENUE, NORTH HOLLYWOOD, CALIFORNIA
(File No. 111.0397)

Your October 30, 1995, letter still disputes the validity of our directive to undertake a soil gas investigation at the subject site.

Regional Board's soil gas investigation program is established based on many years of subsurface investigation in both the San Fernando Valley and San Gabriel Valley Superfund areas in California. We have found that soil matrix analytical results generally underestimate volatile organic compounds (VOCs) in loose formations (sand/gravel) probably because of VOC mass loss during sampling, packing, transporting, laboratory analytical procedures, etc. Our records show that in many sites, while soil matrix concentrations are low, soil gas results show high concentrations for the same depths. We have enclosed some data obtained at two separate sites in our region, which support our reasoning.

Moreover, a soil gas survey is a better means of dealing with soil heterogeneity in the subsurface investigation. Soil matrix sampling is point specific because it involves collection of a discrete quantity of soil and a subsample is analyzed to detect any contamination. On the contrary, soil gas survey can provide a larger radius of detection due to gas-phase mobility of VOCs. The soil gas concentration contour lines also lead to potential sources, if any.

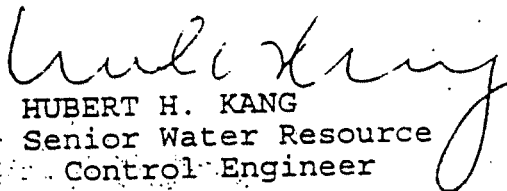
We found some problems with Dr. Mercer's paper on this matter. His approach was based on the assumption that soil matrix data obtained at the subject site reflect total soil concentrations, and from which, all calculations were made. However, if the soil matrix test fails to reflect the actual total soil concentrations (mainly underestimation), then the equilibrium calculation based on this would be misleading, as we have shown for the above two sites. We also note that Dr. Mercer's calculations regarding soil gas transport in the subsurface contain no site-specific soil physical data, such as soil moisture contents and soil organic carbon contents.

Mr. Michael D. Scott
page 2

Further, We do not agree with your contention that soil gas data cannot have "any reliable interpretation". On the contrary, soil gas data that we have obtained in the Superfund Areas enable us to identify potential sources. If soil vapor contaminants come from adjacent sites, the vapor concentration gradient shows such a trend.

Also you quoted the RCRA action level of 10 ppm for PCE at the subject site, but the RCRA criteria are for hazardous waste sites, not for site cleanups.

In summary, we do believe that a soil gas test will provide soil data which will help us to determine whether or not your site needs soil mitigation measures. Therefore, you are directed again to develop a soil gas investigation workplan for the subject site. Three copies of the workplan are due to this Board by January 31, 1996. If you have any questions regarding this letter, please contact Mr. Jay Das at (213) 266-7585.


HUBERT H. KANG
Senior Water Resource
Control Engineer

Enclosure

cc: David Seter, USEPA-Region IX
Tom Klinger, L.A. County-Forester and Fire Warden
Robert Weible, E/M Corporation

G

E/M CORPORATION
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605-
TRI Fac. ID #91605MCRPR6940F
July 20, 1996

Form R 1995

EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3342
Attn: Toxic Chemical Release Inventory
Magnetic Media Submission

To Whom It May Concern:

Enclosed please find one (1) microcomputer diskette containing toxic chemical release reporting information for:

E/M CORPORATION

This information is submitted as required under section 313, Title III of the Superfund Amendments and Reauthorization Act of 1986 and the Pollution Prevention Act of 1990.

We are submitting a total of four (4) reports from our facility, which refer to (4) chemicals.

FOUR (4) chemicals are reported on the regular 9-page FORM R, as follows:

Chemical Name	RY	CAS Number
XYLENE (MIXED ISOMERS)	1995	001330-20-7
TOLUENE	1995	000108-88-3
1,1,1-TRICHLOROETHANE	1995	000071-55-6
METHYL ETHYL KETONE	1995	000078-93-3

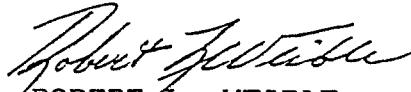
Our technical point of contact is:

RAYMOND KRISHOCK, Phone Number: (818) 983-1952,

and is available should any questions or problems arise in your processing of these diskettes.

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Robert L. Weible".

ROBERT L. WEIBLE
VICE PRESIDENT, WESTERN REGIONAL MANAGER
E/M CORPORATION

Enclosures

<p>FORM R</p> <p>United States Environmental Protection Agency</p> <p>Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act</p>	<p>TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM</p>	<p>TRI FACILITY ID NUMBER</p> <p>91605MCRPR6940F</p> <p>Chem., Cat., or Gen. Name</p> <p>XYLENE (MIXED ISOMERS)</p>
<p>WHERE TO SEND COMPLETED FORMS:</p> <p>1. EPCRA Reporting Center P.O. Box 3348 Merrifield, VA 22116-3348 ATTN: TOXIC CHEMICAL RELEASE INVENTORY</p> <p>2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)</p>	<p>Enter 'X' here if this is a revision</p>	

IMPORTANT: See instructions to determine when 'Not Applicable (NA)' boxes should be checked.

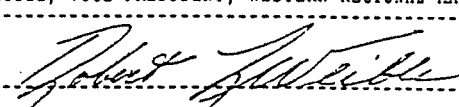
For EPA use only

PART I. FACILITY IDENTIFICATION INFORMATION	
SECTION 1. REPORTING YEAR	Section 2. TRADE SECRET INFORMATION
1995	<p>2.1 Are you claiming the toxic chemical identified on page 3 trade secret?</p> <p><input type="checkbox"/> Yes (Answer question 2.2; Attach substantiation forms)</p> <p><input checked="" type="checkbox"/> No (Do not answer 2.2; Go to Section 3)</p> <p>2.2 If yes in 2.1, is this copy: <input type="checkbox"/> Sanitized <input type="checkbox"/> Unsanitized</p>

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official
 ROBERT L. WEIBLE, VICE PRESIDENT, WESTERN REGIONAL MANAGER

Signature:  Date Signed: 07/30/96

SECTION 4. FACILITY IDENTIFICATION	
Facility or Establishment Name E/M CORPORATION	TRI Facility ID Number 91605MCRPR6940F
Street Address 6940 FARMDALE AVENUE	
City NORTH HOLLYWOOD	County LOS ANGELES
State CA	Zip Code 91605-
Mailing Address (if different from street address) NA	<div style="border: 1px solid black; padding: 10px; text-align: center;"> PUT LABEL HERE </div>
City	
State Zip Code	

PA
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EPA FORM R
PART I. FACILITY IDENTIFICATION
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
91605MCRPR6940F
Chem., Cat., or Gen. Name
XYLENE (MIXED ISOMERS)

SECTION 4. FACILITY IDENTIFICATION (Continued)

2	This report contains information for: (Important: check only one)						a. <input checked="" type="checkbox"/> An entire facility	b. <input type="checkbox"/> Part of a facility	c. <input type="checkbox"/> Federal Facility
3	Technical Contact	Name RAYMOND KRISHOCK			Telephone Number (include area code) (818)983-1952				
4	Public Contact	Name ROBERT L. WEIBLE			Telephone Number (include area code) (818)983-1952				
5	SIC Code (4-digit)	a. 3479	b. 2992	c. 2851	d. NA	e.	f.		
6	Latitude and Longitude	Latitude			Longitude				
		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
		034	12	02	118	24	27		
7	Dun & Bradstreet Number(s) (9 digits)				a.	091719450			
					b.	NA			
8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)				a.	CAD091719450			
					b.	NA			
9	Facility NPDES Permit Number(s) (9 characters)				a.	NA			
					b.				
10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)				a.	NA			
					b.				

SECTION 5. PARENT COMPANY INFORMATION

1	Name of Parent Company	
	<input type="checkbox"/> NA	GREAT LAKES CHEMICAL CORPORATION
2	Parent Company's Dun & Bradstreet Number	
	<input type="checkbox"/> NA	(9 Digits) 005212808

EPA FORM R

PART II. CHEMICAL-SPECIFIC
INFORMATIONUnited States
Environmental
Protection
Agency

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

XYLENE (MIXED ISOMERS)

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section
if you complete Section 2 below.)

CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list.)

001330-20-7

Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)

XYLENE (MIXED ISOMERS)

Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked 'yes'.)

NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this
section if you complete Section 1 above.)

Generic Chemical Name Provided by Supplier (Important: Max. of 70 chars., including numbers, letters, spaces, and punct.)

NA

SECTION 3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Important: Check all that apply.)

Manufacture the toxic chemical:	a. <input type="checkbox"/> Produce	If produce or import:	
	b. <input type="checkbox"/> Import	c. <input type="checkbox"/> For on-site use/processing	d. <input type="checkbox"/> For sale/distribution
Process the toxic chemical	a. <input type="checkbox"/> As a reactant	e. <input type="checkbox"/> As a byproduct	f. <input type="checkbox"/> As an impurity
	b. <input checked="" type="checkbox"/> As a formulation component	c. <input type="checkbox"/> As an article component	d. <input type="checkbox"/> Repackaging
Otherwise use the toxic chemical:	a. <input checked="" type="checkbox"/> As a chemical processing aid	c. <input checked="" type="checkbox"/> Ancillary or other use	
	b. <input checked="" type="checkbox"/> As a manufacturing aid		

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME
DURING THE CALENDAR YEAR

03 (Enter two-digit code from instruction package.)

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 91605MCRPR6940F Chem., Cat., or Gen. Name XYLENE (MIXED ISOMERS)
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SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1 Fugitive or non-point air emissions [] NA	2300	C	
5.2 Stack or point air emissions [] NA	7200	C	
5.3 Discharges to receiving streams or water bodies (enter one name per box)			
5.3.1 Stream or Water Body Name NA			
5.3.2 Stream or Water Body Name			
5.3.3 Stream or Water Body Name			
5.4 Underground injections on-site [X] NA	NA		
5.5 Releases to land on-site			
5.5.1 Landfill [X] NA	NA		
5.5.2 Land treatment/ application farming [X] NA	NA		
5.5.3 Surface impoundment [X] NA	NA		
5.5.4 Other disposal [X] NA	NA		

[] Check here only if additional Section 5.3 information is provided on page 5 of this form.

United States Environmental Protection Agency	EPA FORM R	TRI FACILITY ID NUMBER
	PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	91605MCRPR6940F
		Chem., Cat., or Gen. Name
		XYLENE (MIXED ISOMERS)

Section 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
3.4 Stream or Water Body Name			
3.5 Stream or Water Body Name			
3.6 Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

1.A Total Quantity Transferred to POTWs and Basis of Estimate

1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
--	--

NA

1.B POTW Name and Location Information

1.B.1 POTW Name	6.1.B.2 POTW Name
-----------------	-------------------

Street Address	Street Address
----------------	----------------

City	County	City	County
------	--------	------	--------

State	Zip Code	State	Zip Code
-------	----------	-------	----------

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [] and indicate which Part II, Sections 5.3/6.1 page this is, here. [1] (example: 1,2,3,etc.)

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 91605MCRPR6940F Chem., Cat., or Gen. Name XYLENE (MIXED ISOMERS)
---	---	--

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.)
CAD008252405

Off-Site Location Name PACIFIC RESOURCE RECOVERY

Street Address 3150 E. PICO BLVD.

City
LOS ANGELESCounty
LOS ANGELES

State CA

Zip Code 90023-

Is location under control of reporting ☐ YES ☒ NOA. Total Transfers (pounds/year)
(enter range code or estimate)B. Basis of Estimate
(enter code)C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1. 2800

1. M

1. M92

2. NA

2.

2.

3.

3.

3.

4.

4.

4.

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.2 Off-site EPA Identification Number (RCRA ID No.)
NA

Off-Site Location Name

Street Address

City

County

State

Zip Code

Is location under control of reporting ☐ YES ☐ NOA. Total Transfers (pounds/year)
(enter range code or estimate)B. Basis of Estimate
(enter code)C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1.

1.

1.

2.

2.

2.

3.

3.

3.

4. 14.

14.

14.

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Sections 6.2 page this is, here. [1] (example: 1,2,3,etc.)

EPA

EPA FORM R

United States
Environmental
Protection
Agency

PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

XYLENE (MIXED ISOMERS)

Section 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site treatment is applied to
any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence (enter 3-character code(s))	c. Range of Influent Concentration	d. Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b	7A.1c	7A.1d	7A.1e
NA	1 2		%	Yes No
	3 4 5			[] []
	6 7 8			
7A.2a	7A.2b	7A.2c	7A.2d	7A.2e
	1 2		%	Yes No
	3 4 5			[] []
	6 7 8			
7A.3a	7A.3b	7A.3c	7A.3d	7A.3e
	1 2		%	Yes No
	3 4 5			[] []
	6 7 8			
7A.4a	7A.4b	7A.4c	7A.4d	7A.4e
	1 2		%	Yes No
	3 4 5			[] []
	6 7 8			
7A.5a	7A.5b	7A.5c	7A.5d	7A.5e
	1 2		%	Yes No
	3 4 5			[] []
	6 7 8			

If additional pages are attached, indicate the total number of pages in this box [] and indicate which page this is, here [1].

EPA

United States
Environmental
Protection
AgencyEPA FORM R
PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

XYLENE (MIXED ISOMERS)

Section 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 | NA |

2 | |

3 | |

4 | |

Section 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 | NA |

2 | |

3 | |

4 | |

5 | |

6 | |

7 | |

8 | |

9 | |

10 | |

EPA

EPA FORM R

United States
Environmental
Protection
AgencyPART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

XYLENE (MIXED ISOMERS)

Section 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

All estimates can be reported using up to two significant figures.		Column A 1994 (pounds/year)	Column B 1995 (pounds/year)	Column C 1996 (pounds/year)	Column D 1997 (pounds/year)
1.1	Quantity released *	2800	9500	9500	9500
1.2	Quantity used for energy recovery on-site	0	0	0	0
1.3	Quantity used for energy recovery off-site	0	2800	2800	2800
1.4	Quantity recycled on-site	0	0	0	0
1.5	Quantity recycled off-site	0	0	0	0
1.6	Quantity treated on-site	0	0	0	0
1.7	Quantity treated off-site	0	0	0	0
1.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)			0	
1.9	Production Ratio or Activity Index			0001.00	
1.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter 'NA' in Section 8.10.1 and answer Section 8.11.				
	Source Reduction Activities (enter code(s))	Methods to Identify Activity (enter codes)			
1.10.1	W82	a. T01	b. NA	c.	
1.10.2	NA	a.	b.	c.	
1.10.3		a.	b.	c.	
1.10.4		a.	b.	c.	
1.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)			YES []	NO [X]

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

(IMPORTANT: Type or print; read instructions before completing form)

EPA

FORM R

TOXIC CHEMICAL RELEASE
INVENTORY REPORTING FORMUnited States
Environmental
Protection
AgencySection 313 of the Emergency Planning and Community Right-to-Know Act of 1986,
also known as Title III of the Superfund Amendments and Reauthorization Act

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

TOLUENE

WHERE TO SEND
COMPLETED FORMS:1. EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
ATTN: TOXIC CHEMICAL RELEASE INVENTORY2. APPROPRIATE STATE OFFICE
(See instructions in Appendix F)Enter 'X' here if
this is a revisionIMPORTANT: See instructions to determine when "Not
Applicable (NA)" boxes should be checked.

For EPA use only

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1.

REPORTING
YEAR

1995

Section 2. TRADE SECRET INFORMATION

2.1 Are you claiming the toxic chemical identified on page 3 trade secret?
☐ Yes (Answer question 2.2;
Attach substantiation forms) ☒ No (Do not answer 2.2;
Go to Section 3)2.2 If yes in 2.1, is this copy: ☐ Sanitized ☐ Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted
information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using
data available to the preparers of this report.Name and official title of owner/operator or senior management official
ROBERT L. WEIBLE, VICE PRESIDENT, WESTERN REGIONAL MANAGER

Signature

Date Signed 07/30/96

SECTION 4. FACILITY IDENTIFICATION

Facility or Establishment Name
E/M CORPORATIONTRI Facility ID Number
91605MCRPR6940F

Street Address

6940 FARMDALE AVENUE

City
NORTH HOLLYWOODCounty
LOS ANGELESState
CAZip Code
91605-Mailing Address (if different from street address)
NA

City

PUT LABEL HERE

State

Zip Code

EPA
United States
Environmental
Protection
Agency

EPA FORM R
PART I. FACILITY IDENTIFICATION
INFORMATION (CONTINUED)

1 AUG 2 01 7

TRI FACILITY ID NUMBER
91605MCRPR6940F
Chem., Cat., or Gen. Name
TOLUENE

SECTION 4. FACILITY IDENTIFICATION (Continued)

.2 This report contains information for: (Important: check only one)							a. <input checked="" type="checkbox"/> An entire facility b. <input type="checkbox"/> Part of a facility c. <input type="checkbox"/> Federal Facility						
.3 Technical Contact		Name RAYMOND KRISHOCK				Telephone Number (include area code) (818)983-1952							
.4 Public Contact		Name ROBERT L. WEIBLE				Telephone Number (include area code) (818)983-1952							
.5 SIC Code (4-digit)		a. 3479		b. 2992		c. 2851		d. NA		e.		f.	
.6 Latitude and Longitude		Degrees		Minutes		Seconds		Degrees		Minutes		Seconds	
		034		12		02		118		24		27	
.7 Dun & Bradstreet Number(s) (9 digits)							a. 091719450						
							b. NA						
.8 EPA Identification Number(s) (RCRA I.D. No.) (12 characters)							a. CAD091719450						
							b. NA						
.9 Facility NPDES Permit Number(s) (9 characters)							a. NA						
							b.						
.10 Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)							a. NA						
							b.						

SECTION 5. PARENT COMPANY INFORMATION

.1 Name of Parent Company	
<input type="checkbox"/> NA GREAT LAKES CHEMICAL CORPORATION	
.2 Parent Company's Dun & Bradstreet Number	
<input type="checkbox"/> NA (9 Digits) 005212808	

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AgencyPART II. CHEMICAL-SPECIFIC
INFORMATION

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

TOLUENE

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section
if you complete Section 2 below.)

1.1 CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list.)

000108-88-3

1.2 Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)

TOLUENE

1.3 Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes.")

NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this
section if you complete Section 1 above.)

2.1 Generic Chemical Name Provided by Supplier (Important: Max. of 70 chars., including numbers, letters, spaces, and punct.)

NA

SECTION 3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. <input type="checkbox"/> Produce b. <input type="checkbox"/> Import	If produce or import: c. <input type="checkbox"/> For on-site use/processing d. <input type="checkbox"/> For sale/distribution e. <input type="checkbox"/> As a byproduct f. <input type="checkbox"/> As an impurity
3.2	Process the toxic chemical	a. <input type="checkbox"/> As a reactant b. <input checked="" type="checkbox"/> As a formulation component	c. <input type="checkbox"/> As an article component d. <input type="checkbox"/> Repackaging
3.3	Otherwise use the toxic chemical:	a. <input checked="" type="checkbox"/> As a chemical processing aid b. <input type="checkbox"/> As a manufacturing aid	c. <input type="checkbox"/> Ancillary or other use

Section 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME
DURING THE CALENDAR YEAR

4.1 03 (Enter two-digit code from instruction package.)

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 91605MCRPR6940F Chem., Cat., or Gen. Name TOLUENE
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SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1 Fugitive or non-point air emissions [] NA	2800	C	
5.2 Stack or point air emissions [] NA	14000	C	
5.3 Discharges to receiving streams or water bodies (enter one name per box)			
5.3.1 Stream or Water Body Name NA			
5.3.2 Stream or Water Body Name			
5.3.3 Stream or Water Body Name			
5.4 Underground injections on-site [X] NA	NA		
5.5 Releases to land on-site			
5.5.1 Landfill [X] NA	NA		
5.5.2 Land treatment/ application farming [X] NA	NA		
5.5.3 Surface impoundment [X] NA	NA		
5.5.4 Other disposal [X] NA	NA		

[] Check here only if additional Section 5.3 information is provided on page 5 of this form.

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United States
Environmental
Protection
AgencyPART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

TOLUENE

Section 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE
ENVIRONMENT ON-SITE

5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.4	Stream or Water Body Name			
5.3.5	Stream or Water Body Name			
5.3.6	Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
--	--

NA

6.1.B POTW Name and Location Information

6.1.B.1 POTW Name	6.1.B.2 POTW Name
-------------------	-------------------

Street Address

Street Address

City

County

City

County

State

Zip Code

State

Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [] and indicate which Part II, Sections 5.3/6.1 page this is, here. [1] (example: 1,2,3,etc.)

EPA Form 9250-1 (Rev. 12/4/94) - Previous editions are obsolete.

Range Codes: A = 1-10 pounds; B = 11-499 pounds;
C = 500 - 999 pounds.

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 91605MCRPR6940F Chem., Cat., or Gen. Name TOLUENE
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SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.)
CAD008252405

Off-Site Location Name PACIFIC RESOURCE RECOVERY

Street Address 3150 E. PICO BLVD.

City LOS ANGELES	County LOS ANGELES
State CA	Zip Code 90023-
Is location under control of reporting <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
2800	1. M	1. M92
NA	2.	2.
	3.	3.
	4.	4.

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.2 Off-site EPA Identification Number (RCRA ID No.)
NA

Off-Site Location Name

Street Address

City	County
State	Zip Code
Is location under control of reporting <input type="checkbox"/> YES <input type="checkbox"/> NO	

A. Total Transfers (pounds/year) (enter range code or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in this box ☐ and indicate which Part II, Sections 6.2 page this is, here. [1]
(example: 1,2,3,etc.)

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PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

TOLUENE

Section 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site treatment is applied to
any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence (enter 3-character code(s))	c. Range of Influent Concentration	d. Treatment Efficiency Estimate	e. Based on Operating Data?
7A.1a	7A.1b	7A.1c	7A.1d	7A.1e
NA	1 2		%	Yes No
	3 4 5			[] []
	6 7 8			
7A.2a	7A.2b	7A.2c	7A.2d	7A.2e
	1 2		%	Yes No
	3 4 5			[] []
	6 7 8			
7A.3a	7A.3b	7A.3c	7A.3d	7A.3e
	1 2		%	Yes No
	3 4 5			[] []
	6 7 8			
7A.4a	7A.4b	7A.4c	7A.4d	7A.4e
1 2	1 2		%	
3 4 5	3 4 5			Yes No
6 7 8	6 7 8			[] []
7A.5a	7A.5b	7A.5c	7A.5d	7A.5e
	1 2		%	Yes No
	3 4 5			[] []
	6 7 8			

If additional pages are attached, indicate the total number of pages in this box [] and indicate which page this is, here [1].

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PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

TOLUENE

Section 7B. ON-SITE ENERGY RECOVERY PROCESSES

☒ Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 | NA |

2 | |

3 | |

4 | |

Section 7C. ON-SITE RECYCLING PROCESSES

☒ Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 | NA |

2 | |

3 | |

4 | |

5 | |

6 | |

7 | |

8 | |

9 | |

10 | |

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United States
Environmental
Protection
AgencyPART 11. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

TOLUENE

Section 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

All estimates can be reported using up to two significant figures.		Column A 1994 (pounds/year)	Column B 1995 (pounds/year)	Column C 1996 (pounds/year)	Column D 1997 (pounds/year)
8.1	Quantity released *	9700	16800	16800	16800
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	0	2800	2800	2800
8.4	Quantity recycled on-site	0	0	0	0
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	0	0	0	0
8.7	Quantity treated off-site	0	0	0	0
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)				0
8.9	Production Ratio or Activity Index				0001.00
8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter 'NA' in Section 8.10.1 and answer Section 8.11.				
	Source Reduction Activities (enter code(s))	Methods to Identify Activity (enter codes)			
8.10.1	W82	a. T01	b. NA	c.	
8.10.2	NA	a.	b.	c.	
8.10.3		a.	b.	c.	
8.10.4		a.	b.	c.	
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)				YES [] NO [X]

* Report releases pursuant to EPCRA Section 329(8) including 'any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment.' Do not include any quantity treated on-site or off-site.

EPA Form 9250-1 (Rev. 12/4/94) - Previous editions are obsolete.

EPA United States Environmental Protection Agency	FORM R Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act	TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM	TRI FACILITY ID NUMBER 91605MCRPR6940F
			Chem., Cat., or Gen. Name METHYL ETHYL KETONE
WHERE TO SEND COMPLETED FORMS:	1. EPCRA Reporting Center P.O. Box 3348 Merrifield, VA 22116-3348 ATTN: TOXIC CHEMICAL RELEASE INVENTORY	2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)	Enter 'X' here if this is a revision

IMPORTANT: See instructions to determine when 'Not Applicable (NA)' boxes should be checked.

For EPA use only

PART 1. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR	Section 2. TRADE SECRET INFORMATION
1995	2.1 Are you claiming the toxic chemical identified on page 3 trade secret? [] Yes (Answer question 2.2; Attach substantiation forms) [X] No (Do not answer 2.2; Go to Section 3)
	2.2 If yes in 2.1, is this copy: [] Sanitized [] Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official
ROBERT L. WEIBLE, VICE PRESIDENT, WESTERN REGIONAL MANAGER

Signature *Robert L. Weible* Date Signed 07/24/96

SECTION 4. FACILITY IDENTIFICATION

Facility or Establishment Name E/M CORPORATION	TRI Facility ID Number 91605MCRPR6940F
Street Address 6940 FARMDALE AVENUE	
City NORTH HOLLYWOOD	County LOS ANGELES
State CA	Zip Code 91605-
Mailing Address (if different from street address) NA	PUT LABEL HERE
City	
State Zip Code	

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PART I. FACILITY IDENTIFICATION
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
91605MCRPR6940F
Chem., Cat., or Gen. Name
METHYL ETHYL KETONE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2 This report contains information for: (Important: check only one) a. ☒ An entire facility b. ☐ Part of a facility c. ☐ Federal Facility

4.3 Technical Contact Name RAYMOND KRISOCK Telephone Number (include area code) (818)983-1952

4.4 Public Contact Name ROBERT L. WEIBLE Telephone Number (include area code) (818)983-1952

4.5 SIC Code (4-digit) a. 3479 b. 2992 c. 2851 d. NA e. f.

4.6 Latitude and Longitude	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
	034	12	02	118	24	27

4.7 Dun & Bradstreet Number(s) (9 digits) a. 091719450

b. NA

4.8 EPA Identification Number(s) (RCRA I.D. No.) (12 characters) a. CAD091719450

b. NA

4.9 Facility NPDES Permit Number(s) (9 characters) a. NA

b.

4.10 Underground Injection Well Code (UIC) I.D. Number(s) (12 digits) a. NA

b.

SECTION 5. PARENT COMPANY INFORMATION

5.1 Name of Parent Company

☐ NA

GREAT LAKES CHEMICAL CORPORATION

5.2 Parent Company's Dun & Bradstreet Number

☐ NA

(9 Digits) 005212808

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 PART II. CHEMICAL-SPECIFIC
 INFORMATION

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

METHYL ETHYL KETONE

 SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section
 if you complete Section 2 below.)

1 CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list.

000078-93-3

2 Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)

METHYL ETHYL KETONE

3 Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes."

NA

 SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this
 section if you complete Section 1 above.)

1 Generic Chemical Name Provided by Supplier (Important: Max. of 70 chars., including numbers, letters, spaces, and punct.)

NA

SECTION 3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Important: Check all that apply.)

		If produce or import:	
1	Manufacture the toxic chemical:	a. <input type="checkbox"/> Produce b. <input type="checkbox"/> Import	c. <input type="checkbox"/> For on-site use/processing d. <input type="checkbox"/> For sale/distribution e. <input type="checkbox"/> As a byproduct f. <input type="checkbox"/> As an impurity
2	Process the toxic chemical	a. <input type="checkbox"/> As a reactant b. <input checked="" type="checkbox"/> As a formulation component	c. <input type="checkbox"/> As an article component d. <input type="checkbox"/> Repackaging
3	Otherwise use the toxic chemical:	a. <input checked="" type="checkbox"/> As a chemical processing aid b. <input checked="" type="checkbox"/> As a manufacturing aid	c. <input checked="" type="checkbox"/> Ancillary or other use

 SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME
 DURING THE CALENDAR YEAR

1 03 (Enter two-digit code from instruction 4.1) 03 (Enter two-digit code from instruction package.)

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 91605MCRPR6940F Chem., Cat., or Gen. Name METHYL ETHYL KETONE
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SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE				
		A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	[] NA 800	C	
5.2	Stack or point air emissions	[] NA 6000	C	
5.3	Discharges to receiving streams or water bodies (enter one name per box)			
5.3.1	Stream or Water Body Name			
	NA			
5.3.2	Stream or Water Body Name			
5.3.3	Stream or Water Body Name			
5.4	Underground injections on-site	[X] NA NA		
5.5	Releases to land on-site			
5.5.1	Landfill	[X] NA NA		
5.5.2	Land treatment/ application farming	[X] NA NA		
5.5.3	Surface impoundment	[X] NA NA		
5.5.4	Other disposal	[X] NA NA		

[] Check here only if additional Section 5.3 information is provided on page 5 of this form.

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United States
Environmental
Protection
AgencyPART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

METHYL ETHYL KETONE

SECTION 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE
ENVIRONMENT ON-SITE

5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.4	Stream or Water Body Name			
5.3.5	Stream or Water Body Name			
5.3.6	Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)	6.1.A.2 Basis of Estimate (enter code)
--	--

NA

6.1.B POTW Name and Location Information

6.1.B.1 POTW Name	6.1.B.2 POTW Name
-------------------	-------------------

Street Address

Street Address

City

County

City

County

State

Zip Code

State

Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [] and indicate which Part II, Sections 5.3/6.1 page this is, here. [1] (example: 1,2,3,etc.)

EPA Form 9250-1 (Rev. 12/4/94) - Previous editions are obsolete.

Range Codes: A = 1-10 pounds; B = 11-499 pounds;
C = 500 - 999 pounds.

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Protection
AgencyPART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

METHYL ETHYL KETONE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.)
CAD008252405

Off-Site Location Name PACIFIC RESOURCE RECOVERY

Street Address 3150 E. PICO BLVD.

City
LOS ANGELESCounty
LOS ANGELES

State CA

Zip Code 90023-

Is location under control of reporting ☐ YES ☒ NOA. Total Transfers (pounds/year)
(enter range code or estimate)B. Basis of Estimate
(enter code)C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1. 22400

1. M

1. W92

2. NA

2.

2.

3.

3.

3.

4.

4.

4.

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.2 Off-site EPA Identification Number (RCRA ID No.)
NA

Off-Site Location Name

Street Address

City

County

State

Zip Code

Is location under control of reporting ☐ YES ☐ NOA. Total Transfers (pounds/year)
(enter range code or estimate)B. Basis of Estimate
(enter code)C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1.

1.

1.

2.

2.

2.

3.

3.

3.

4.

4.

4.

If additional pages of Part II, Section 6.2 are attached, indicate the total number of pages in
this box ☐ and indicate which Part II, Sections 6.2 page this is, here. [1]
(example: 1,2,3,etc.)

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)	TRI FACILITY ID NUMBER 91605MCRPR6940F Chem., Cat., or Gen. Name METHYL ETHYL KETONE
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Section 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Treatment Efficiency Estimate	e. Based on Operating Data?																
7A.1a	7A.1b	7A.1c	7A.1d	7A.1e																
NA	<table border="1"> <tr><td>1</td><td></td><td>2</td><td></td></tr> <tr><td>3</td><td></td><td>4</td><td></td></tr> <tr><td>6</td><td></td><td>7</td><td></td></tr> </table>	1		2		3		4		6		7			%	<table border="1"> <tr><td>Yes</td><td>No</td></tr> <tr><td>[]</td><td>[]</td></tr> </table>	Yes	No	[]	[]
1		2																		
3		4																		
6		7																		
Yes	No																			
[]	[]																			
7A.2a	7A.2b	7A.2c	7A.2d	7A.2e																
	<table border="1"> <tr><td>1</td><td></td><td>2</td><td></td></tr> <tr><td>3</td><td></td><td>4</td><td></td></tr> <tr><td>6</td><td></td><td>7</td><td></td></tr> </table>	1		2		3		4		6		7			%	<table border="1"> <tr><td>Yes</td><td>No</td></tr> <tr><td>[]</td><td>[]</td></tr> </table>	Yes	No	[]	[]
1		2																		
3		4																		
6		7																		
Yes	No																			
[]	[]																			
7A.3a	7A.3b	7A.3c	7A.3d	7A.3e																
	<table border="1"> <tr><td>1</td><td></td><td>2</td><td></td></tr> <tr><td>3</td><td></td><td>4</td><td></td></tr> <tr><td>6</td><td></td><td>7</td><td></td></tr> </table>	1		2		3		4		6		7			%	<table border="1"> <tr><td>Yes</td><td>No</td></tr> <tr><td>[]</td><td>[]</td></tr> </table>	Yes	No	[]	[]
1		2																		
3		4																		
6		7																		
Yes	No																			
[]	[]																			
7A.4a	7A.4b	7A.4c	7A.4d	7A.4e																
	<table border="1"> <tr><td>1</td><td></td><td>2</td><td></td></tr> <tr><td>3</td><td></td><td>4</td><td></td></tr> <tr><td>6</td><td></td><td>7</td><td></td></tr> </table>	1		2		3		4		6		7			%	<table border="1"> <tr><td>Yes</td><td>No</td></tr> <tr><td>[]</td><td>[]</td></tr> </table>	Yes	No	[]	[]
1		2																		
3		4																		
6		7																		
Yes	No																			
[]	[]																			
	5 04805407TRI13	WTME_TRETS																		
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6		7																		
Yes	No																			
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PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

METHYL ETHYL KETONE

Section 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 | NA |

2 | |

3 | |

4 | |

Section 7C. ON-SITE RECYCLING PROCESSES

[] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 | R11 |

2 | NA |

3 | |

4 | |

5 | |

6 | |

7 | |

8 | |

9 | |

10 | |

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PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

METHYL ETHYL KETONE

Section 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

All estimates can be reported using up to two significant figures.		Column A 1994 (pounds/year)	Column B 1995 (pounds/year)	Column C 1996 (pounds/year)	Column D 1997 (pounds/year)
8.1	Quantity released *	9600	6800	8000	8000
8.2	Quantity used for energy recovery on-site	0	0	0	0
8.3	Quantity used for energy recovery off-site	15000	22400	1200	1200
8.4	Quantity recycled on-site	14000	14000	14000	14000
8.5	Quantity recycled off-site	0	0	0	0
8.6	Quantity treated on-site	0	0	0	0
8.7	Quantity treated off-site	0	0	0	0
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)				0
8.9	Production Ratio or Activity Index				0001.00
8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter 'NA' in Section 8.10.1 and answer Section 8.11.				
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)			
8.10.1	W74	a. T02	b. T09	c. NA	
8.10.2	NA	a.	b.	c.	
8.10.3		a.	b.	c.	
8.10.4		a.	b.	c.	
8.11	Is additional optional information on source reduction, recycling, or pollution control activities included with this report? (Check one box)				YES [] NO [X]

* Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated on-site or off-site.

EPA United States Environmental Protection Agency	FORM R Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act	TOXIC CHEMICAL RELEASE INVENTORY REPORTING FORM	TRI FACILITY ID NUMBER 91605MCRPR6940F
			Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
WHERE TO SEND COMPLETED FORMS:	1. EPCRA Reporting Center P.O. Box 3348 Merrifield, VA 22116-3348 ATTN: TOXIC CHEMICAL RELEASE INVENTORY	2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)	Enter 'X' here if this is a revision

IMPORTANT: See instructions to determine when 'Not Applicable (NA)' boxes should be checked.

For EPA use only

PART 1. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR	Section 2. TRADE SECRET INFORMATION
1995	2.1 Are you claiming the toxic chemical identified on page 3 trade secret? <input type="checkbox"/> Yes (Answer question 2.2; Attach substantiation forms) <input checked="" type="checkbox"/> No (Do not answer 2.2; Go to Section 3)
	2.2 If yes in 2.1, is this copy: <input type="checkbox"/> Sanitized <input type="checkbox"/> Unsanitized

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official
ROBERT L. WEIBLE, VICE PRESIDENT, WESTERN REGIONAL MANAGER

Signature

Robert L. Weible

Date Signed

07/30/96

SECTION 4. FACILITY IDENTIFICATION

Facility or Establishment Name E/M CORPORATION	TRI Facility ID Number 91605MCRPR6940F
Street Address 6940 FARMDALE AVENUE	
City NORTH HOLLYWOOD	County LOS ANGELES
State CA	Zip Code 91605-
Mailing Address (if different from street address) NA	PUT LABEL HERE
City	
State Zip Code	

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PART I. FACILITY IDENTIFICATION
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER
91605MCRPR6940F
Chem., Cat., or Gen. Name
1,1,1-TRICHLOROETHANE

SECTION 4. FACILITY IDENTIFICATION (Continued)

4.2	This report contains information for: (Important: check only one)		a. <input checked="" type="checkbox"/> An entire facility		b. <input type="checkbox"/> Part of a facility		c. <input type="checkbox"/> Federal Facility	
4.3	Technical Contact	Name RAYMOND KRISOCK			Telephone Number (include area code) (818)983-1952			
4.4	Public Contact	Name ROBERT L. WEIBLE			Telephone Number (include area code) (818)983-1952			
4.5	SIC Code (4-digit)	a. 3479	b. 2992	c. 2851	d. NA	e.	f.	
4.6	Latitude and Longitude	Latitude			Longitude			
		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
		034	12	02	118	24	27	
4.7	Dun & Bradstreet Number(s) (9 digits)	a.		091719450				
		b.		NA				
4.8	EPA Identification Number(s) (RCRA I.D. No.) (12 characters)	a.		CAD091719450				
		b.		NA				
4.9	Facility NPDES Permit Number(s) (9 characters)	a.		NA				
		b.						
4.10	Underground Injection Well Code (UIC) I.D. Number(s) (12 digits)	a.		NA				
		b.						

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	
	<input type="checkbox"/> NA	GREAT LAKES CHEMICAL CORPORATION
5.2	Parent Company's Dun & Bradstreet Number	
	<input type="checkbox"/> NA	(9 Digits) 005212808

EPA United States Environmental Protection Agency	EPA FORM R PART II. CHEMICAL-SPECIFIC INFORMATION	TRI FACILITY ID NUMBER 91605MCRPR6940F Chem., Cat., or Gen. Name 1,1,1-TRICHLOROETHANE
---	---	---

SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you complete Section 2 below.)

1.1 CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list.)

000071-55-6

1.2 Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)

1,1,1-TRICHLOROETHANE

1.3 Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes.")

NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you complete Section 1 above.)

2.1 Generic Chemical Name Provided by Supplier (Important: Max. of 70 chars., including numbers, letters, spaces, and punct.)

NA

SECTION 3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Important: Check all that apply.)

3.1	Manufacture the toxic chemical:	a. <input type="checkbox"/> Produce	If produce or import:	
		b. <input type="checkbox"/> Import	c. <input type="checkbox"/> For on-site use/processing	d. <input type="checkbox"/> For sale/distribution
			e. <input type="checkbox"/> As a byproduct	f. <input type="checkbox"/> As an impurity
3.2	Process the toxic chemical	a. <input type="checkbox"/> As a reactant	c. <input type="checkbox"/> As an article component	
		b. <input checked="" type="checkbox"/> As a formulation component	d. <input type="checkbox"/> Repackaging	
3.3	Otherwise use the toxic chemical:	a. <input checked="" type="checkbox"/> As a chemical processing aid	c. <input checked="" type="checkbox"/> Ancillary or other use	
		b. <input type="checkbox"/> As a manufacturing aid		

Section 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ON-SITE AT ANY TIME DURING THE CALENDAR YEAR

4.1 03 (Enter two-digit code from instruction package.)

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INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 5. RELEASES OF THE TOXIC CHEMICAL TO THE ENVIRONMENT ON-SITE

		A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1.5 Fugitive or non-point air emissions	[X] NA	NA		
5.2 Stack or point air emissions	[] NA	11600	C	
5.3 Discharges to receiving streams or water bodies (enter one name per box)				
5.3.1 Stream or Water Body Name				
NA				
5.3.2 Stream or Water Body Name				
5.3.3 Stream or Water Body Name				
5.4 Underground injections on-site	[X] NA	NA		
5.5 Releases to land on-site				
5.5.1 Landfill	[X] NA	NA		
5.5.2 Land treatment/ application farming	[X] NA	NA		
5.5.3 Surface impoundment	[X] NA	NA		
5.5.4 Other disposal	[X] NA	NA		

[] Check here only if additional Section 5.3 information is provided on page 5 of this form.

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PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 5.3 ADDITIONAL INFORMATION ON RELEASES OF THE TOXIC CHEMICAL TO THE
ENVIRONMENT ON-SITE

5.3	Discharges to receiving streams or water bodies (enter one name per box)	A. Total Release (pounds/year) (enter range code from instructions or estimate)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.3.4	Stream or Water Body Name			
5.3.5	Stream or Water Body Name			
5.3.6	Stream or Water Body Name			

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTW)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate			
6.1.A.1 Total Transfers (pounds/year) (enter range code or estimate)		6.1.A.2 Basis of Estimate (enter code)	
NA			
6.1.B POTW Name and Location Information			
6.1.B.1 POTW Name		6.1.B.2 POTW Name	
Street Address		Street Address	
City	County	City	County
State	Zip Code	State	Zip Code

If additional pages of Part II, Sections 5.3 and/or 6.1 are attached, indicate the total number of pages in this box [] and indicate which Part II, Sections 5.3/6.1 page this is, here. {1} (example: 1,2,3,etc.)

EPA Form 9250-1 (Rev. 12/4/94) - Previous editions are obsolete.

Range Codes: A = 1-10 pounds; B = 11-499 pounds;
C = 500 - 999 pounds.

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INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-site EPA Identification Number (RCRA ID No.)
CAD008365532

Off-Site Location Name RHO-CHEM

Street Address 425 ISIS AVENUE

City
INGLEWOODCounty
LOS ANGELES

State CA Zip Code 90301-

Is location under control of reporting ☐ YES ☒ NOA. Total Transfers (pounds/year)
(enter range code or estimate)B. Basis of Estimate
(enter code)C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1. 1200

1. M

1. M20

2. NA

2.

2.

3.

3.

3.

4.

4.

4.

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.2 Off-site EPA Identification Number (RCRA ID No.)
NA

Off-Site Location Name

Street Address

City

County

State Zip Code

Is location under control of reporting ☐ YES ☐ NOA. Total Transfers (pounds/year)
(enter range code or estimate)B. Basis of Estimate
(enter code)C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1.

1.

1.

2.

2.

2.

3.

3.

3.

4. 4.

4.

4.

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this box ☐ and indicate which Part II, Sections 6.2 page this is, here. [1]
(example: 1,2,3,etc.)

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INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]	c. Range of Influent Concentration	d. Treatment Efficiency Estimate	e. Based on Operating Data?	
7A.1a	7A.1b	7A.1c	7A.1d	7A.1e	
NA	1	2		Yes No [] []	
	3	4			5
	6	7			8
7A.2a	7A.2b	7A.2c	7A.2d	7A.2e	
	1	2		Yes No [] []	
	3	4			5
	6	7			8
7A.3a	7A.3b	7A.3c	7A.3d	7A.3e	
	1	2		Yes No [] []	
	3	4			5
	6	7			8
7A.4a	7A.4b	7A.4c	7A.4d	7A.4e	
	1	2		Yes No [] []	
	3	4			5
	6	7			8
7A.5a	7A.5b	7A.5c	7A.5d	7A.5e	
	1	2		Yes No [] []	
	3	4			5
	6	7			8

If additional pages are attached, indicate the total number of pages in this box [] and indicate which page this is, here [1].

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PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

1 | NA |

2 | |

3 | |

4 | |

Section 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

1 | NA |

2 | |

3 | |

4 | |

5 | |

6 | |

7 | |

8 | |

9 | |

10 | |

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PART II. CHEMICAL-SPECIFIC
INFORMATION (CONTINUED)

PAGE 3 OF 3

TRI FACILITY ID NUMBER

91605MCRPR6940F

Chem., Cat., or Gen. Name

1,1,1-TRICHLOROETHANE

Section 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

Estimates can be reported up to two significant figures.	Column A 1994 (pounds/year)	Column B 1995 (pounds/year)	Column C 1996 (pounds/year)	Column D 1997 (pounds/year)
Quantity released *	22000	11600	0	0
Quantity used for energy recovery on-site	0	0	0	0
Quantity used for energy recovery off-site	0	0	0	0
Quantity recycled on-site	0	0	0	0
Quantity recycled off-site	3600	1200	0	0
Quantity treated on-site	0	0	0	0
Quantity treated off-site	0	0	0	0
Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)				0
Production Ratio or Activity Index				0001.00

Did your facility engage in any source reduction activities for this chemical during
the reporting year? If not, enter 'NA' in Section 8.10.1 and answer Section 8.11.

Source Reduction Activities (enter code(s))	Methods to Identify Activity (enter codes)		
0.1 W13	a. T01	b. NA	c.
0.2 NA	a.	b.	c.
0.3	a.	b.	c.
0.4	a.	b.	c.

Is additional optional information on source reduction, recycling, or
pollution control activities included with this report? (Check one box)

YES NO
[] [X]

Report releases pursuant to EPCRA Section 329(8) including "any spilling, leaking, pumping, pouring, emitting, emptying,
discharging, injecting, escaping, leaching, dumping, or disposing into the environment." Do not include any quantity treated
on-site or off-site.

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**ADDENDUM TO
PHASE I ENVIRONMENTAL SITE ASSESSMENT
E/M DIVISION OF MORGAN CHEMICAL PRODUCTS, INC.
NORTH HOLLYWOOD, CALIFORNIA**

Prepared for:

Winthrop, Stimson, Putnam & Roberts
1133 Connecticut Avenue, N.W.
Washington, D.C. 20036

Prepared by:

Sciences International, Inc,
King Street Station
1800 Diagonal Road, Suite 500
Alexandria, VA 22314-2808

August 24, 1998

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Purpose.....	1
1.2	Methodology.....	1
1.3	Special Terms and Conditions	2
1.4	Limitations or Exceptions of Assessment	2
2.0	SITE DESCRIPTION.....	3
2.1	Site and Vicinity Characteristics	3
2.1.1	Property Structures	3
2.1.2	Site Utilities/Wells/Septic Systems.....	3
2.2	Current Uses of Property	3
2.3	Past Uses of Property	4
2.4	Current and Past Uses of Nearby Property.....	4
3.0	POLYCHLORINATED BIPHENYLS (PCBs) AND ASBESTOS	5
3.1	PCBs.....	5
3.2	Asbestos.....	5
4.0	MATERIALS, PRODUCTS AND PESTICIDE MANAGEMENT	6
5.0	SOLID AND HAZARDOUS WASTE MANAGEMENT	8
5.1	Current Practices	8
5.2	Past Waste Management	12
5.3	Used Oil	12
6.0	AIR EMISSIONS MANAGEMENT.....	13
7.0	WASTEWATER MANAGEMENT	19
7.1	Current Wastewater Management.....	19
7.1.1	Process Wastewater	19
7.1.2	Permit By Rule.....	20
7.1.3	Sanitary Wastewater.....	21
7.2	Past Wastewater Management.....	22
7.3	Stormwater Management.....	22
8.0	STORAGE TANKS	23
8.1	Aboveground Tanks.....	23
8.2	Underground Tanks.....	23
9.0	REMEDIAL INVESTIGATIONS	24
10.0	OCCUPATIONAL SAFETY AND HEALTH	25
10.1	Hazard Communication and Training.....	25
10.2	Accident Reporting	25
10.3	Industrial Hygiene.....	26
10.4	Personal Protection.....	27
10.5	Process Safety Management/ Lock Out/Tag Out/ Machine Guarding	27

10.6	Confined Space Program.....	28
10.7	Inspections.....	28
10.7	Miscellaneous.....	29
11.0	EMERGENCY PLANNING AND SARA TITLE III.....	30
11.1	Emergency Planning.....	30
11.2	SARA Title III.....	30
12.0	RECORDS REVIEW.....	32
13.0	COMPLAINTS, VIOLATIONS AND LAWSUITS	33
14.0	CONCLUSIONS AND RECOMMENDATIONS	34
Appendix A:	Photographs	
Appendix B:	Regulatory database searches	

LIST OF TABLES AND FIGURES

Table 1.	Raw Material Usage	7
Table 2.	Source Point Waste Generation	9
Table 3.	Waste Disposal Facilities Nov. 1996 to Present	10
Figure 1	Permitted Air Sources	13

1.0 INTRODUCTION

1.1 Purpose

This report updates the document, "Phase I Environmental Site Assessment of The E/M Corporation Facility at North Hollywood, California", November 5, 1996, prepared by Sciences International, Inc. Its purpose is to bring current the characterization of potential environmental liabilities that may be associated with the current and past operations of the facility and with nearby land use.

1.2 Methodology

The November 1996 Phase I Assessment generally complied with the American Standard for Testing Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM, E1527). It also covered additional areas of inquiry: regulatory compliance, OSHA, SARA Title III, off-site waste disposal facilities used by the subject facility, and air emissions.

The present update report relies upon the same methodology as the earlier assessment. Information was obtained from:

- An on-site inspection of the subject property;
- Interviews with facility employees and review of available documents; and
- A regulatory database review to investigate facility and adjacent property compliance issues.

The on-site visit consisted of physical inspection of the property and any structures on it to obtain information on the uses and conditions of the property that might indicate any potentially "significant" environmental issues associated with them. No sampling or analysis of materials or environmental media (soil, water, air) were performed during the visit.

The property was visited on July 30, 1998, by Paul Turnham, of Sciences International, Inc. (Sciences). The E/M employees interviewed were Ms. Jennifer Holden, Environmental, Health & Safety Manager - Western Region, and Mr. Ismael Pedroza Jr., Environmental Manager. Mr. Pedroza has day to day responsibility for EH&S issues at the subject property and reports to Derek Needham, Branch Manager, who has responsibility at the facility level. Ms. Holden and Mr. Needham manage EH&S issues at the west coast facilities. Ms. Holden is based at the nearby E/M facility in Chatsworth, CA. Mr. R. Michael Wentzel, Corporate Environmental Health and Safety Manger, has oversight responsibility for all E/M facilities.

Photographs of the facility are in Appendix A. The environmental database report is in Appendix B. Documents to which reference is made in this report have been provided separately to Winthrop, Stimson, Putnam & Roberts.

1.3 Special Terms and Conditions

This Report has been prepared by Sciences International, Inc. for the exclusive use of Winthrop, Stimson, Putnam & Roberts and The Morgan Crucible Company plc (Morgan) for specific application to the subject property. However, this report may be relied upon by a buyer of the business from Morgan to the same extent that it may be relied upon by Winthrop, Stimson, Putnam & Roberts and Morgan.

The only warranty made by Sciences International, Inc., in connection with these provided services, is that we have used the degree of skill ordinarily exercised under similar conditions by reputable members of our profession in the same or similar locality. No other warranty expressed or implied is made or intended.

1.4 Limitations or Exceptions of Assessment

The conclusions contained in this report are based on conditions observed at the facility at the time of the site inspection, historical information, available database review, and interviews with site personnel. The data upon which these conditions are based are subject to change with time. This Environmental Site Assessment constitutes a cursory review of facility conditions and cannot confirm or rule out the presence or absence of contamination.

2.0 SITE DESCRIPTION

2.1 Site and Vicinity Characteristics

The information detailed in the November 1996 Phase I Assessment remains unchanged.

2.1.1 Property Structures

The information detailed in the November 1996 Phase I Assessment remains unchanged except for the addition of a concrete block wall which runs along the northern boundary parallel to Hart Street in the area of the outdoor raw material storage pad (photo 9). The wall was added to provide better security to the drum storage area and to reduce the chance of any fires impacting nearby facilities.

2.1.2 Site Utilities/Wells/Septic Systems

Site utilities are unchanged from the time of the 1996 Phase I Assessment. The facility has current operating permits (certificates) for its low pressure steam boiler and the pressure vessels associated with three air compressors. The certificates are posted at the equipment.

2.2 Current Uses of Property

The manufacture of coating formulations (compounding) was discontinued in July, 1998; these operations are now conducted at the E/M facility at Peachtree City, Georgia. The facility's other operations remain similar to those detailed in the 1996 Phase I Assessment. Some of the mixing vessels and other equipment that was used for compounding remain at the site as well as some remaining finished product (photo 6); facility personnel expect to ship the remaining product to Peachtree City in the near future.

The facility has also discontinued vapor degreasing using 1,1,1-Trichloroethane (TCA). Since the end of 1996 it has used an azeotropic mixture of isopropanol and heptane in a unit designed for this type of solvent (photo 5). The TCA vapor degreaser and its storage tank were removed from the site at that time. In addition, the following activities listed in the 1996 Phase I Assessment are not conducted at the facility: powder coating, iron phosphating, and black oxide coating. Currently approximately 90% of the facility's coating operations involve the application of solvent-based solid film lubricants (SFLs) to metal parts; the application of water-based coatings makes up the remainder.

The facility currently has 3 salaried, 42 hourly, and 19 temporary employees and operates 2 shifts a day for 5 days per week.

2.3 Past Uses of Property

The past uses of the facility have been described in the 1996 Phase I Assessment; no further information is known.

2.4 Current and Past Uses of Nearby Property

No further information is known. The database search results summarized in Section 11.0 reveal some facilities within one mile of the facility which pose environmental concerns.

3.0 POLYCHLORINATED BIPHENYLS (PCBs) AND ASBESTOS

3.1 PCBs

There are not known to be any PCB materials or PCB-containing equipment at the facility, with the possible exception of fluorescent light ballasts.

3.2 Asbestos

The information provided in the 1996 Phase I Assessment remains unchanged.

4.0 MATERIALS, PRODUCTS AND PESTICIDE MANAGEMENT

Raw materials usage has been reduced significantly by the cessation of compounding activities. The facility no longer uses many of the stock materials went into the formulations, including: resin binders and powders such as nickel, antimony trioxide, and lead phosphates. The materials currently used are those associated with coating and metal surface treatment and cleaning operations and these chemicals are detailed in the 1996 Phase I Assessment. The main raw materials used and typical stored quantities are shown in Table 1. Since the facility was acquired in 1996, it has not stored any chlorinated organics including TCA, ethylene dichloride, and freon. Photographs 9 through 12 show the main material storage areas.

In general, materials were appropriately stored and housekeeping was relatively good but could be improved in some areas. As described in the 1996 Phase I Assessment, the facility has designated rooms for storage of flammable solvents and coatings. Certain solid materials are stored in outdoor areas on containment pallets. Material storage could be better organized. For example, pails that are currently stored in a small outbuilding in the rear lot (photo 11) could be moved to a larger and better designed room the building at the west side of the property. This room was used for storage of the coating formulations made at the site but is now largely empty (photo 12).

Small quantities of laboratory chemicals (in glass jars and bottles) were noted to be stored in various locations and in a cardboard box near the wastewater treatment system. Some of these containers were unlabeled and/or appeared to be old and disused. Facility personnel state that they intend to dispose of these and other "lab pack" type materials through its hazardous waste hauler; we recommend that this disposal be expedited because prolonged storage of disused chemicals may be in violation of hazardous waste laws and there is the possibility of injury or fire should any spontaneous chemical reactions occur.

Table 1. Raw Material Usage

Material	Typical Usage	Storage Container
Coatings and solvents:		
Coatings	up to 200 gal/wk	5-gallon pails
Methyl ethyl ketone (MEK)	300 gal/month	55-gallon drums
Hydrocarbon solvent blend	200 gal/month	55-gallon drums
Toluene	800 gal/yr	55-gallon drums
Isopropyl alcohol	280 gal/yr	55-gallon drums
Ethanol	625 gal/yr	55-gallon drums
Azeotropic solvent blend	715 gal/yr	55-gallon drums
Aqueous process surface treatment chemicals:		
Manganese phosphate solution	1 drum/2months	55-gallon drums and tanks
Zinc phosphate solution	1 drum/3months	55-gallon drums and tanks
Nitric acid (32% soln.)	20 gal./quarter	55-gallon drums and tanks
Sulfuric acid	2 drum/3months	55-gallon drums and tanks
Sodium hydroxide	1 drum/month	55-gallon drums
Sodium hydroxide (solid)	50 lbs/yr	bags
Chromic acid	1 drum/2months	55-gallon drums and tanks
Oxalic acid	1 drum/2months	55-gallon drums and tanks

5.0 SOLID AND HAZARDOUS WASTE MANAGEMENT

5.1 Current Practices

Solid (non-hazardous) wastes including plant refuse, cardboard, and empty pails are stored in two covered dumpsters located behind the main building. The dumpsters are emptied daily by Waste Management, Inc. and the contents disposed of in the local municipal landfill. At the time of the site visit these wastes were appropriately contained and no appreciable amounts of liquid paint residues were noted in the dumpsters.

The facility is classified as a large quantity generator (LQG) of hazardous waste under RCRA (generating more than 1,000 kg per month of hazardous waste) and operates under EPA Identification No. CAD091719450. At the time of the 1996 Phase I Assessment the facility was a small quantity generator but is now an LQG due to increased shipments and recent clean-out activities.

As discussed in the 1996 Phase I Assessment the facility has five hazardous waste streams: dewatered sludge (filter cake) from the waste water treatment system; paint-related wastes; residue from solvent cleaning operations; used spray booth filters; and waste oil. Each of these waste streams has been analyzed and profiles are maintained at the facility.

The hazardous wastes are stored in drums both in the diked out-of-doors hazardous waste storage area (photo 13) and in an adjacent covered fenced area which also has diked concrete flooring (photo 14). Filter cake is stored in this area in United Nations-approved sacks. During the past year, most wastes have been disposed of at the Chemical Waste Management facility at Azusa, California. The facility maintains good records of shipments including return copies of manifests and land ban paperwork. A summary of all hazardous waste shipments (based on the manifests reviewed) since November 1996 is presented in Table 2.

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Table 2. Source Point Waste Generation

Date	Waste Type	Amount Shipped	Disposal Facility
11/08/96	Filter cake*	4500 lbs.	A
	Paint booth filters*	200 lbs	B
	Flammable liquid (MEK)*	1350 gal.	B
	1,1,1 trichloroethane*	118 gal.	C
02/20/97	Flammable liquid	800 gal.	D
	Waste paint related materials	450 gal.	
	Paint booth filters	200 lbs.	
	Waste oil	50 gal.	
03/07/97	Filter cake	3000 lbs.	E
	Spent carbon	2000 lbs.	
05/08/97	Flammable liquid	900 gal.	D
	Waste paint related materials	80 gal.	
	Paint booth filters	175 lbs.	
	Waste oil	100 gal.	
	Filter cake	2000 lbs.	
07/02/97	Spent carbon	6500 lbs.	F
07/02/97	Flammable liquid	830 gal.	D
	Waste paint related materials	870 gal.	
	Paint booth filters	170 lbs.	
	Waste oil	150 gal.	
	Filter cake	2500 lbs.	
09/22/97	Flammable liquid	325 gal.	D
	Waste paint related materials	500 gal.	
	Paint booth filters	100 lbs.	
	Waste oil	50 gal.	
09/26/97	Spent carbon	7500 lbs.	F
11/24/97	Flammable liquid	720 gal.	D
	Waste paint related materials	100 gal.	
	Paint booth filters	200 lbs.	
	Waste oil	90 gal.	
	Filter cake	3000 lbs.	

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12/11/ 97	Spent carbon	3400 lbs.	F
02/02/ 98	Flammable liquid	1045 gal.	D
	Waste paint related materials	275 gal.	
	Paint booth filters	255 lbs.	
	Waste oil	55 gal.	
	Filter cake	1700 lbs.	

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03/02/ 98	Flammable liquid	1045 gal.	D
	Waste paint related materials	275 gal.	
	Paint booth filters	255 lbs.	
	Waste oil	55 gal.	
	Filter cake	1700 lbs.	
03/04/ 97	Spent carbon	2200 lbs.	F
03/23/ 98	Flammable liquid	650 gal.	D
	Waste paint related materials	850 gal.	
	Paint booth filters	800 lbs.	
	Waste oil	150 gal.	
	Filter cake	2000 lbs.	
05/11/ 98	Flammable liquid	1050 gal.	D
	Waste paint related materials	200 gal.	
	Paint booth filters	200 lbs.	
	Waste oil	50 gal.	
	Filter cake	1200 lbs.	
07/27/ 98	Flammable liquid	2750 gal.	D
	Waste paint related materials	300 gal.	

Note: * = final shipment under former "E/M Corporation" made prior to the 1996 acquisition

Table 3. Waste Disposal Facilities: Nov. 1996 to Present

Key	Disposal Facility	EPA RCRA ID number
A	McKittrick Waste Disposal, McKittrick, CA	CAD98063331
B	Pacific Resource Company, Los Angeles, CA	CAD008252405
C	Rho-Chem Corporation, Inglewood, CA	CAD008252405
D	Chemical Waste Management, Azusa, CA	CAD008302903
E	Cameron Yakima, Yakima, WA	WAD009477175
F	Calgon Carbon Corp., Cattlesburg, KY	KYD005009923

At the time of the site visit, the hazardous waste area appeared to be well maintained and all drums were labeled, dated, and stored within the time period allowed. Sludge generated from the evaporation of nickel solution is added to the filter cake (the evaporation process is permitted under California's permit-by-rule system [see section 7.0] and the presence of nickel in this waste stream is noted on the waste profile). The facility maintains an organic solvent management plan, a hazardous waste management plan, and an emergency response plan. The facility has not been informed that it may a Potentially Responsible Party (PRP) to any actions at the above listed facilities or other facilities. A separate memorandum from Counsel will discuss any liabilities that E/M may face as a Potentially Responsible Party (PRP) to any actions at any of the disposal facilities that the facility has used.

Certain hazardous waste information is included on the annual generator fee form that is submitted to the state of California. However, as a large quantity generator, the facility is required to comply with many federal regulations including the submission of a biennial report to EPA (Form 8700-13A is due March 1 on every even numbered year). Facility personnel have not submitted this form and should do so as soon as possible.

5.2 Past Waste Management

Past waste management practices are detailed in the 1996 Phase I Assessment.

5.3 Used Oil

The facility's waste oil generation is detailed in Table 2. Waste oil is considered a hazardous waste by the state of California.

6.0 AIR EMISSIONS MANAGEMENT

The facility is located in the South Coast Air Quality Management District (SCAQMD), an extreme ozone non-attainment area. Air emissions from facility operations include volatile organic compounds (VOCs), hazardous air pollutants (HAPs), acid vapors, and particulate matter.

VOCs and HAPs are present in varying degrees in all of the coatings used by the facility. The main solvent used as a diluent and for cleaning operations is methyl ethyl ketone (MEK) which is both a VOC and a HAP. Sources of fugitive emissions include cleaning operations, the solvent still, and the vapor degreaser. Acid vapors are generated by the aqueous processing lines.

The facility uses relatively small quantities of materials that are particulates. Furthermore the facility has filters in the spray booths and dust collectors on the abrasive blasting units. For these reasons, particulate emissions are not significant.

Since the time of the 1996 Phase I Assessment, the North Hollywood facility has discontinued use of the two carbon absorption units installed on two of its spray booths and installed a new oven. All point source emissions, predominantly from spray booths and ovens, are vented directly to the atmosphere. Figure 1 shows the disposition of air emissions sources at the facility.

The facility maintains SCAQMD Coating, Adhesive, and Solvent Usage Charts for all equipment; these are maintained on site for regulatory review but are not required to be submitted. Coating and solvent usages are initially logged by the operators each day for each spray booth and coating type. The facility has developed a spreadsheet based system to aggregate and summarize these data which is then transferred to the SCAQMD forms. Various emissions summary forms (e.g., SCAQMD Forms S, A, X, C, CU, TAC, and WT) were submitted to the SCAQMD for the period July, 1996 to June, 1997. That year the facility estimated, on the basis of emission factors applied to usage, that it emitted 18.56 tons

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of organic gases (VOCs) and 0.33 tons of nitrogen oxides, 0.09 tons of carbon monoxide, and 0.02 tons of carbon dioxide. Approximately 30% of the emissions of organic gases (ethanol, ethyl acetate, and MEK being the largest constituents) was estimated from non-permitted sources or fugitive sources. Our review of the VOC logs indicates maximum recorded daily usage for the entire facility of approximately 10 gallons per day with an average of about 6 gallons per day. The pounds of VOC emitted for the entire facility are a maximum of approximately 75 pounds per day and on average approximately 40 pounds per day. These values agree with the overall emissions as reported to the SCAQMD.

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Figure 1 Permitted Air Sources

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The SCAQMD has issued a number of rules regarding the application of coatings that are relevant to the facility. Rule 1107 is intended to reduce the emissions of volatile organic compounds (VOCs) from the coating of metal parts and products, except for certain applications including aerospace assembly. Rule 1124 has the same objective for aircraft and spacecraft coating, assembly and cleaning operations. Rule 1107 imposes limitations on VOC content of coatings that range from 2.3 lbs/gal (for general and military specification coatings that are baked) to 3.5 lbs/gal for most other coatings. However, Rule 1107 exempts solid film lubricants (SFLs) from these limitations. Since all of the solvent borne coatings applied at the facility are classified as solid film lubricants, the operations are exempt from the limits imposed by Rule 1107. With the removal from service of the carbon adsorption units on the two "carbon" booths the facility no longer applies barrier coatings on fasteners destined for use in aerospace vehicles (this activity is specifically regulated by SCAQMD Rule 1124 and led to the requirement for the carbon adsorption control units). The facility does coat some aerospace parts but these are not fasteners and the coating are solid film lubricants, not barrier coatings. Uncontrolled emissions of VOCs from these operations are permitted under Rule 1124 provided the VOC content limits for solid film lubricants are met. This limit is 880 grams VOC per liter of coating as applied, a level which the SFLs used by the facility do not exceed.

The facility currently operates under individual source permits issued by the SCAQMD. All permits are renewed annually. The permitted equipment includes: 7 spray booths, the solvent recovery still, three microseal process booths, three gas-fired drying ovens, and the wet scrubber used to control acid vapor emissions from the aqueous treatment lines. In January 1998 the facility applied for additional permits for four pieces of equipment: one new drying oven, two new booths, and a modification of the permit for an existing booth. E/M requested that the coating usage limit on the existing booth of 4 ½ half gallons per day be reduced to ½ gallon per day and the 4 gallon subtraction be applied equally to the two new booths. The two "new" booths are in

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fact the former "carbon adsorption" booths without the carbon adsorption units. Since this does not represent an increase in emissions no problems are anticipated regarding the issuance of these permits. The facility has submitted a permit application for the new vapor degreaser and has received a reply from the state which assigned an application number. The dip-spin coating machines (Roncis) are exempt from permitting because they do not consume more than 3 gallons per day; the facility maintains usage records to support this claim.

The permits for the spray booths limit each booth's solvent (VOC) output. These limits differ for each booth: five of the seven booths have limits on the amount of coatings and solvents used (6, 6, 4 ½, 1 ½, and 1 gallons per day); and two booths have 40 pound per day limits on organic materials discharged to the atmosphere. Compliance is determined by information recorded on the facility's VOC logs which are summarized on the SCAQMD Coating Usage forms. The Coating Usage forms were provided to an SCAQMD inspector in May 1997. The facility has not received any indication of non-compliance from the SCAQMD. Facility personnel are aware of each booth's limits and through use of its own VOC tracking system check the level of coatings and solvent used in each booth daily. The permits also have limits on the amount of VOC emitted each hour of operation. However, this is not recorded because it is extremely difficult to maintain a record of hourly usage; more importantly, the SCAQMD does not require this information and according to the facility will not enforce on this issue.

Because of an increase in business of over 50% since 1990, the facility was required to submit an updated Air Toxics Certification form to the SCAQMD. The form and \$12,201 fee were sent in December 1996. The next submission is due in the year 2000.

The North Hollywood facility's potential to emit volatile organics (i.e., the quantity that would be emitted if there were no control devices and the facility were to operate 24 hours a day and 365 days per year) exceeds the 10 ton per year threshold for extreme non-attainment areas, thus

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making the facility a Major Source under Title V of the Clean Air Act Amendments of 1990. The facility is also a Major Source based on its potential to emit any one HAP (MEK) above the 10 ton per year Title V threshold. Accordingly, in February 1998, the facility submitted a Title V permit application to the SCAQMD. The submission appears to be accurate with regard to the number and types of sources present and otherwise complete. The currently scheduled date for the SCAQMD to issue the Title V permit is March 1999.

The facility reports that it has had no complaints from neighbors or other entities regarding air emissions and has not been cited by regulatory authorities for any violations since the time of the 1996 Phase I Assessment. During the site visit there was no noticeable odor outdoors, but there was an organic smell near the spray facilities. There were no visible emissions during the day of the visit.

7.0 WASTEWATER MANAGEMENT

7.1 Current Wastewater Management

The facility's management of its wastewater is described below.

7.1.1 Process Wastewater

The operations that generate process waste waters are the same as those detailed in the 1996 Phase I Assessment, namely running rinses from hard anodizing, nickel and chrome seal, and zinc and manganese phosphating. However, since that time, the facility has installed a reverse osmosis (RO) treatment unit, which treats effluent from the on-site wastewater treatment system and recycles the treated water (photos 15, 16, and 17). This unit has reduced discharge and water usage by 50%, from over 10,000 gallons per day (gpd) to the current level of approximately 5,000 gpd. The facility is subject to the Metal Finishing Point Source Category and Electroplating Point Source Category pretreatment requirements. The reduction in discharge means the facility is no longer a "significant discharger". Non-significant dischargers are subject to less stringent limits, decreased monitoring and reporting requirements, and decreased POTW user fees.

As detailed in the 1996 Phase I Assessment, process wastewater is treated on-site and discharged to the City of Los Angeles sewer system under Permit W-179816 issued by the City of Los Angeles Department of Public Works, Bureau of Sanitation (CLA). The permit expires on April 30, 1999. Photographs of the tanks lines and treatment system and new RO unit can be found in Appendix A.

The facility conducts self monitoring of the discharge to the POTW every two months and reports the results to the CLA. The periodic compliance reports for 1997 and 1998 show no violations of the permit limits. The CLA samples the discharge every three months.

A Cease and Desist Order was issued, in October 1996,

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prior to the closing of the Morgan acquisition. Under the terms of the sale to Morgan, Great Lakes, the former parent company had the responsibility for the resolution of this matter. The order was issued for continued violations of the permit standards, specifically for nickel and zinc. These violations are discussed in the 1996 Phase I Assessment. The matter was resolved without any stoppage of operations but required E/M to correct the problem and undertake weekly monitoring and submit reports to the CLA. In January 1997, subsequent to E/M's successful resolution of the problem, the CLA sent E/M a Notice of Termination of Enforcement Action which closed the order.

The CLA inspects the facility quarterly and conducts more comprehensive interviews of facility personnel annually. On April 16, 1998, the facility received a Notice of Violation for exceeding the permit discharge limit for cyanide. On April 27, 1998 E/M responded to the NOV by letter, which explained why the exceedance may have occurred (the facility uses one product in its process which contains potassium ferrocyanide), and detailed the corrective action steps that were taken to minimize the possibility of any reoccurrence. In a letter of June 10, 1998 the facility provided the CLA with the results of four sampling events conducted in May which show levels below the permit limits. The CLA has sampled again since the incident and no exceedences were found. The matter is apparently resolved to the satisfaction of the CLA and no fines resulted from the NOV.

The facility has no NPDES permits for surface water discharges other than stormwater which is discussed below and there are no drains in the facility buildings.

7.1.2 Permit By Rule

As discussed in the 1996 Phase I Assessment, California requires facilities that treat hazardous waste to obtain a permit from the State Department of Toxic Substances Control (DTSC); this procedure is known as Permit-By-Rule (PBR). The

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North Hollywood facility was authorized by the DTSC in July 1993 to operate the following four treatment units pursuant to PBR.

- PBR Unit #1: Disposal of coating material containers
- PBR Unit #2: Processing water treatment system
- PBR Unit #3: Multi-component resin disposal
- PBR Unit #4: Batch treatment processing chemicals

The PBR registrations for Units 1,3, and 4 were subsequently canceled. In a letter to the DTSC dated December 20, 1996, E/M claimed that these units did not actually meet the requirements for qualification as PBR Units. The state's acknowledgment of receipt of this letter on March 11, 1997, indicates that only one PBR Unit is currently at the site, Unit #2 (the wastewater treatment system). It should be noted that the practice of evaporating the nickel solution is covered by the PBR.

A formal closure plan and financial assurance statement for PBR Unit #2 was submitted to the DTSC in December 1996. The report details the activities of any future closure of the unit. The plan appears to be well developed and has reportedly met with the approval of the DTSC.

As discussed in the 1996 Phase I Assessment, all permitted facilities are required to submit a Phase I Environmental Assessment Checklist to the DTSC. E/M subsequently submitted the required form but claimed an exemption from completing the checklist that was based upon the availability of the Sciences 1996 Phase I Assessment. Although the checklist instructions allow reliance on past assessments, it also appears to require the submission of at least the summary of that assessment. The DTSC has requested further information from the facility. Morgan's US Counsel, Winthrop, Stimson, Putnam & Roberts (WSPR), is in the process of attempting to resolve this issue and recently provided a copy of the Sciences 1996 Phase I Assessment to the DTSC.

7.1.3 Sanitary Wastewater

The facility discharges its sanitary wastewater to the

sewer. No problems have been reported with this discharge. There are no septic systems at the property and, according to facility personnel, have not been any in the past.

7.2 Past Wastewater Management

Past wastewater management is detailed in the 1996 Phase I Assessment and, except for the changes noted above, has not changed since that time.

7.3 Stormwater Management

As detailed in the 1996 Phase I Assessment, storm water drains along the paved area between the two sets of buildings in a northerly direction towards Hart Street, where it flows west eventually reaching the Los Angeles River, three miles away. This discharge was covered by a general permit issued by the state's Water Resources Control Board (Identification No. 4B19S001224). That permit expired on June 30, 1996 but was renewed in May 1997.

The facility has conducted the required stormwater sampling and submitted the required annual reports for the past two years. The facility's Storm Water Monitoring Program and Storm Water Pollution Prevention Plan were both revised in June, 1998. No concerns have been expressed by authorities about the facility's management of storm water.

8.0 STORAGE TANKS

8.1 Aboveground Tanks

There are no aboveground storage tanks currently in use at the facility with the exception of two large water storage tanks associated with the reverse osmosis system. These tanks and the tanks in the aqueous line and treatment system do not require registration as they are process tanks and are not used for storage of chemicals.

8.2 Underground Tanks

There are no underground tanks currently in use at the site and to the knowledge of facility personnel, never have been any. The in-ground clarifier is exempt from underground storage tank regulations because it is a flow-through process tank.

9.0 REMEDIAL INVESTIGATIONS

The history of remedial investigations at the site was detailed in the 1996 Phase I Assessment. No investigations have taken place and no new issues have arisen since that time.

10.0 OCCUPATIONAL SAFETY AND HEALTH

Mr. Needham has responsibility for Health and Safety (H&S) at the facility level. Mr. Pedroza is in charge of ensuring that the H&S programs are implemented. The facility is supported at the corporate level by Mr. Wentzel, E/M's Corporate Environmental Health & Safety Manager. Mr. Wentzel's office has developed many of the required health and safety programs which have been disseminated to individual plants and made specific to each E/M facility.

The facility has a written Safety Manual which is communicated to all employees as part of their orientation. Facility personnel conduct monthly EH&S inspections with the aid of a checklist.

10.1 Hazard Communication and Training

The facility has a written Hazard Communication Program which was updated January 22, 1998; all training is documented. MSDSs are maintained at four locations at the plant and contain only those chemicals used by each department; a master copy of all MSDSs is maintained by Mr. Pedroza. All chemicals are inspected when they are received by the facility to assure that they are properly labeled and that the appropriate MSDS is on file. Most employees, including temporary employees, are included in the training program. Training needs to be updated to cover the requirements of the new written program. Hazard communication labeling of chemical tanks and containers at the facility was observed to be in most cases very good (photo 18).

The facility has a sign at the entrance which states that the facility contains chemicals on the California Proposition 65 list. This placard does not specify which listed chemicals are used at the facility. These chemicals include nickel, toluene, chromium, and others. Facility personnel are addressing the issue.

10.2 Accident Reporting

The facility maintains a written Accident Reporting procedure that requires all accidents and near misses to be reported. Reported accidents are investigated by a supervisor who must fill out an accident investigation form. The facility has developed an Injury and Illness Prevention Program as required by the state of California. OSHA 200 logs are well maintained. The log for 1997 indicates six reportable injuries in that year, none of which were serious. There is only one recorded injury to date for 1998. The previous year's log is posted during the month of February.

10.3 Industrial Hygiene

Air contaminants present at the facility that are regulated by OSHA are particulates (dusts) and various solvents. Exposure monitoring for air contaminants has been done at the subject facility in the past. Based on prior sampling, the levels are expected to be well below the OSHA permissible exposure levels (PELs). The facility intends to conduct exposure monitoring to confirm this assumption. A few of the coatings contain low percentages of lead. Exposure monitoring for this contaminant has been done in the past and reportedly lead in airborne samples was detected only in the compounding areas. It is unlikely that the spray booth operators would be exposed to significant amounts of lead.

The face velocities across the spray booth enclosures have been measured and these range from 125 to 150 feet per minute, in-line with OSHA guidelines. Filter replacement is based on the measured pressure drop across the filter. The filters are typically replaced every one or two weeks.

The facility has a new Respiratory Protection Program that was developed at the corporate level which it has made specific to the site. E/M North Hollywood requires respirator use by the four operators of the dip-spin coating machines (Roncis). These are one-half face respirators with organic vapor cartridges and a pre-filter for sodium hydroxide. Painters are not required to wear respirators. NIOSH-approved dust masks (Moldex 2000) are available for use on a voluntary basis. For the individuals required to wear

respirators, E/M has reportedly conducted the required medical evaluations, fit testing, and training in the past but no documentation to confirm this was available at the time of the audit. These actions should be documented and conducted annually for individuals who are required by the company to wear respirators. E/M should correct this shortfall and insure that the requirements of the forthcoming respiratory program are met.

Noise levels measured in the past indicate that the microseal process booths were at the 90 dBA OSHA permissible exposure limit (PEL). Hearing protection is provided to microseal operators and medical evaluation has occurred in the past. The facility has received the E/M corporate Hearing Conservation Program and plans to conduct noise exposure monitoring in the near future. Facility personnel report that if 8-hour exposure monitoring results confirm sound levels above the OSHA PEL or at the lower OSHA action level of 85 dBA, the requirements of the plan will be implemented.

10.4 Personal Protection

The facility has conducted and certified a personal protective equipment hazard assessment as required by OSHA. Employees are given pre-employment drug tests. Safety glasses, ear plugs, hard hats, gloves, aprons, face shields, and safety shoes are made available to employees. Disposable and reusable respirators are also made available to employees engaging in parts cleaning and paint mixing. The facility also maintains eyewash stations and showers located near the aqueous process lines (photo 19).

First aid supplies are available. Since no employees are assigned to first aid duties, the facility has a policy of self administration of first aid. If self administration is impractical, E/M relies exclusively on outside emergency services which are nearby. Consequently the facility does not require a blood borne pathogens program.

10.5 Process Safety Management/ Lock Out/Tag Out/ Machine Guarding

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The facility does not store any highly hazardous chemicals listed by OSHA above threshold planning quantities and thus does not require a Process Management System.

The facility has recently received a copy of the corporate Lockout/Tagout Program and is in the process of making this document site-specific. This should be completed in the near future. Training on the content of the program will be given to all employees but only maintenance staff will be assigned to perform lockout/tagout functions. The individuals currently performing these functions have been trained under the former program which is still in place.

Forklift truck operators are trained in the truck's operation by a certified trainer.

Written safety rules and Standard Operating Procedures for equipment are provided to employees. Workplace machinery and equipment are inspected monthly. No obvious machine guarding deficiencies were noted during the walk-through.

10.6 Confined Space Program

The facility has a confined space program which identifies the vapor degreaser, the wastewater clarifier, the acid gas scrubber, and the two wastewater holding tanks as confined spaces. Procedures for entry are detailed in the program.

10.7 Inspections

The plant has not been inspected by OSHA since the prior assessment but has been inspected by the fire department, the SCAQMD, and the CLA water authority (any issues have been addressed elsewhere in this report.) In November 1997, Gallagher and Basset, the facility's insurance company conducted a "safety service visit" at the site. The report detailed several minor deficiencies including some program shortfalls such as the lack of recent exposure monitoring. Many of the comments have been addressed by the facility and some are in progress.

10.7 Miscellaneous

During the walk-through the Sciences auditor noted good housekeeping both the inside and the outside areas of the facility; some areas for improvement have been noted in this report. Workers were wearing their personal protective equipment and a generally good safety attitude appeared to be present.

11.0 EMERGENCY PLANNING AND SARA TITLE III

11.1 Emergency Planning

The facility maintains a Business Plan as required by the state. However, this document was last revised in 1987 and therefore needs revision in several areas and re-submission to the local emergency planning authorities. The facility has a newer Emergency Action Plan, the reviewed copy of which contains the names of the individuals responsible for its implementation but not the evacuation map or emergency phone numbers.

The only areas of the plant protected by an automatic sprinkler system are the flammable solvent storage room and two spray booths (the former carbon adsorption booths). There are no smoke detectors nor is there a fire alarm system. Portable fire extinguishers at the facility are inspected monthly by facility staff and yearly by an outside service. All were labeled appropriately at the time of the site visit. The facility has conducted hands-on fire extinguisher training with the aid of the LA Fire Department. Facility personnel report no fires or explosions at the site.

11.2 SARA Title III

The Emergency Planning and Community Right-to-Know Act of 1986 (also known as SARA Title III) contains community "right-to-know" reporting requirements are found in Sections 311 and 312. Section 311 requires facilities that must prepare or have available MSDSs to submit either copies of its MSDSs or a list of its MSDS chemicals to the local emergency planning committee, the state emergency response commission and the local fire department. Section 312 requires a facility to submit an emergency and hazardous chemical inventory form (Tier I or Tier II) to the local emergency planning committee, the state emergency response commission and the local fire department. Hazardous chemicals covered under Sections 311 and 312 are those for which MSDSs are required by OSHA and which are present at the facility, on any one day, in quantities above 10,000 lbs for hazardous chemicals, or for extremely hazardous substance 500

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lbs or its threshold planning quantity, whichever is lower.

The facility has complied with the requirements of Sections 311 and 312 and submitted the required information to the CUPA (the LAFD Hazardous Materials Section) in the form of the Business Plan but as previously mentioned the plan reviewed dates from 1987 and should be revised. Also Sections 311 and 312 required annual re-submission of this information; it is not clear if this has been done.

Section 313 of SARA Title III requires EPA to establish an inventory of routine toxic chemical emissions. Facilities subject to this reporting requirement must complete a Toxic Chemical Release Form (Form R) for specified chemicals¹ and submit this form to The EPA.

The facility has reported under Section 313 for toluene, xylene, methyl ethyl ketone, and TCA for reporting year 1996 and for the former three chemicals for reporting year 1997. The submissions appear to be complete. The facility reports that it has received no notices of deficiency regarding these submissions.

¹ This reporting requirement applies to facilities with 10 or more employees that are in SIC codes 20 through 39 (i.e manufacturing facilities) and that manufacture, process or otherwise use a listed toxic chemical in excess of specified thresholds. Facilities manufacturing or processing any of the listed chemicals in excess of 25,000 pounds in a year or facilities otherwise using listed chemicals in excess of 10,000 lbs. are required to submit Form R's.

12.0 RECORDS REVIEW

As part of this environmental assessment, Sciences International, Inc. retained VISTA Environmental Information, Inc. to search federal and state environmental databases. All searched distances are in conformity with ASTM standards. A detailed report of the regulatory database search is provided in Appendix B while the results of these searches are summarized below.

The San Fernando Valley site which the surrounds the facility is on the National Priority List and is an area of contaminated groundwater. The facility's involvement in this issue is discussed in detail in the 1996 Phase I Assessment. The facility has had no further contact with state or federal authorities since that time.

One other site is listed on the federal CERCLIS and equivalent state list. This site, Federal automotive, located 0.32 miles to the west, has been investigated and has status of "no further remedial action planned". The facility is listed as a large quantity generator of hazardous waste as defined by RCRA. There are 13 Small Quantity Generators and 8 other Large Quantity Generators within one-eighth of a mile of the North Hollywood facility. Similarly, twelve sites were identified within one-quarter of a mile from the facility that have registered underground storage tanks and five sites within one-half of mile that have leaking underground tanks. The closest of the sites with leaking underground tanks was greater than one-quarter mile from the facility.

The impact on the facility of the San Fernando Valley Superfund site has been discussed in the 1996 Phase I Assessment. Other than that, there is no information to indicate that the E/M site has been impacted or that it would be included in any regulatory environmental actions associated with nearby properties.

13.0 COMPLAINTS, VIOLATIONS AND LAWSUITS

The facility reports that, apart from the items discussed in other sections of this report, it has not been notified by regulatory authorities of any violations, deficiencies or warnings nor has it been involved in any lawsuits or any other legal action with respect to environmental matters and no information was found during the audit to contradict this.

14.0 CONCLUSIONS AND RECOMMENDATIONS

This report updates the document, "Phase I Environmental Site Assessment of The E/M Corporation Facility at North Hollywood, California", November 5, 1996, prepared by Sciences International, Inc. Its purpose is to bring current the characterization of potential environmental liabilities that may be associated with the current and past operations of the facility and with nearby land use. The conclusions contained in this report are based on conditions observed at the facility at the time of the site inspection, historical information, available database review, and interviews with site personnel.

The facility personnel are knowledgeable and have, in our estimation, in many cases taken a proactive approach to many of the environmental, health, and safety issues which affect the facility. The facility appears to maintain a safe working environment and exposures to workers to dangerous levels of hazardous substances and noise appear to be unlikely.

Based on this re-assessment some areas of potential environmental concern and unresolved issues have been identified and are highlighted below. It is likely that most of these and other minor shortfalls not included below but discussed in the main body of this report can be easily corrected, others such as program implementation and training may require more time. Recommendations have been made where relevant.

X In general, materials were appropriately stored and housekeeping was relatively good but could be improved in some areas. We recommend that the disposal of miscellaneous and disused chemicals be expedited.

X Facility personnel have not submitted the required biennial hazardous waste report to EPA and should do so as soon as possible. Facility personnel should review the federal and state hazardous waste regulations pertinent to its status as a large quantity (or fully regulated) generator.

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- X Morgan's US Counsel, Winthrop, Stimson, Putnam & Roberts, is in the process of resolving issues relating to the state's requirement that the facility submit a Phase I Environmental Assessment Checklist.
- X The Business Plan maintained by the facility was last revised in 1987 and therefore needs revision in several areas and re-submission to the local emergency planning authorities.
- X The facility has a sign at the entrance which states that the facility contains chemicals on the California Proposition 65 list. This sign does not, but should, specify which listed chemicals are used at the facility.
- X The facility has developed excellent written programs with the support of the corporate EH&S manager but, in some cases, these need to be better implemented either by the collection of exposure monitoring data and/or employee training.

Results of Phase II Investigation
of the E/M Facility at
6940 Farmdale Avenue
North Hollywood, California

Prepared by:
Sciences International, Inc.
1800 Diagonal Road
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January 30, 2002

Paul Turnham, MS, PE
Project Manager

Jay Turim, PhD
Executive Vice President

1. Introduction

1.1. Purpose

This report presents the results of an environmental Phase II site assessment conducted in January 2002 at the E/M facility located at 6940 Farmdale Avenue, North Hollywood, California. The purpose of the investigation was to determine whether any volatile organic or heavy metal-related contamination exists in surface and subsurface soils at the site.

This assessment follows the framework established in the American Society for Testing Materials (ASTM) Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process (ASTM, E 1903-97).

1.2. Special Terms and Conditions

This Environmental Site Assessment Report has been prepared by Sciences International, Inc. for the exclusive use of E/M for specific application to the subject property. However, this report may be reviewed by whoever else is determined by E/M to have such a need.

The only warranty made by Sciences International, Inc., in connection with these provided services, is that we have used the degree of skill ordinarily exercised under similar conditions by reputable members of our profession in the same or similar locality. No other warranty expressed or implied is made or intended.

1.3. Limitations and Exceptions of assessment

The conclusions contained in this Environmental Site Assessment Report are based on the results of the limited investigation of the site. This Environmental Site Assessment constitutes a limited intrusive soils investigation of the facility and cannot rule out the presence of contamination in areas or media not investigated.

2. Background

2.1. Site description and Features

The facility is located in six buildings with addresses on Farmdale Avenue and Hart Street, North Hollywood, CA 91605, Latitude 34° 11' 02", Longitude 118° 24' 27", Elevation 710 ft (see Figure 1). It is close to the City of Burbank airport in an area which contains industrial and commercial properties. The facility is not known to be in a flood plain and has never been flooded. The facility is not in an area subject to severe storm events. Although in an earthquake-prone area, the facility has not suffered any damage from any earthquakes.

The site is almost entirely covered with concrete with the exception of small grassed areas on the periphery of the property, outside the front offices and outside the wall which encloses the rear portion of the site.

2.2. Physical Setting

The climate in the area is classified as "desert arid". The nearest surface water body is the Los Angeles River about three miles to the south. The soils at the site are sandy. The water table is about 200 feet deep with the first productive aquifer at about 800 feet.

2.3. Site History and Land Use

The site has been in use since at least 1953. Known past uses include manufacture of dry transformers used in model trains and similar devices, enamel painting of certain products, electroplating (until 1975), manufacture of solvent-based coating formulations (until July, 1998); vapor degreasing using 1,1,1-Trichloroethane and possibly other chlorinated solvents (pre-1996), powder coating, iron phosphating, and black oxide coating. Currently the facility's coating operations involve the application of solvent-based solid film lubricants to metal parts; application of water-based coatings; and metal finishing operations (pretreatment) including: anodizing, passivation with nitric acid/sodium dichromate, phosphating with zinc and manganese phosphates, chemical etching, alkaline cleaning, vapor degreasing and abrasive blasting.

The facility comes under the following Standard Industrial Classification (SIC) Code: 3479-metal coating and allied services.

2.4. Adjacent Property Land Use

The facility is surrounded on three sides by industrial facilities. To the north is a producer of scenery for the movie industry which uses wood, paint, and plastics in its operations. To the west is a commercial anodizer. A manufacturer of sanitary equipment such as lavatories and driers is located to the east. To the south is a residential area, with the nearest residence being about 500 yards away.

2.5. Summary of Previous Assessments

In March 1988 the facility received a notice from U.S. EPA's Region 9 requesting information about the site history and prior investigations that EPA claimed to be relevant to an investigation that EPA was conducting of groundwater contamination in the San Fernando Valley. Apparently EPA had discovered two groundwater contamination plumes consisting of tetrachloroethene and trichloroethene, substances that E/M had used, in the North Hollywood area.

Six months later, after the facility responded to EPA's request, the California Regional Water Quality Control Board (CRWQCB) requested that the facility perform a subsurface investigation. In June, 1989 the facility complied by advancing nine soil borings and analyzing samples for volatile organics. Apart from methylene chloride, which was believed to be a laboratory contaminant, the only chemical detected was tetrachloroethene at levels of up to 80 ppb ($\mu\text{g}/\text{Kg}$) at depths of up to 10 feet below the surface.

The state then required the facility to advance borings to 40 and then to 80 feet. Additional hits of tetrachloroethene at levels near 10 ppb were recorded at depths of up to 60 feet. No hits were recorded between 65 and 80 feet.

Subsequent to this investigation, in 1993, E/M (then known as E/M Corporation) placed approximately 6 inches of concrete over existing asphalt-paved outdoor areas.

Further details of facility history and operations can be found in the following documents:

- i Phase I Environmental Site Assessment of the E/M Corporation Facility At North Hollywood, California. Sciences International, Inc, November 5, 1996.
- ii Addendum To Phase I Environmental Site Assessment E/M Division Of Morgan Chemical Products, Inc. North Hollywood, California. Sciences International, Inc, August 24, 1998.
- iii Phase I Environmental Site Assessment of the E /M Division Of Morgan Chemical Products, Inc. Tetra Tech, Inc. February 2002 (in progress).

3. Phase II Activities

3.1. Scope of Assessment

The purpose of the Phase II investigation was to determine if chemical contamination exists at the site, specifically in the form of volatile organic compounds and heavy metals. No formal Recognized Environmental Conditions, as defined by ASTM, had been identified for this property. Instead the investigation focused on areas of greatest potential for contamination (e.g., chemical storage areas).

The original scope of work (SOW) is included in Appendix A. However, certain modifications were made, as described in the next section, after a walk through to identify areas of potential concern. Seven boring locations were determined on January 14, 2002, just prior to the start of the field work.

3.2. Field Explorations and Methods

The field work occurred on January 15, 2002. Tetra Tech, Inc. of Pasadena CA was engaged by Sciences to perform the drilling and sampling. Seven borings were advanced at the site as shown in Figure 1.

SB1: near the former drum storage area
SB2: near the wastewater treatment system/solvent distillation unit
SB3: near the paint storage area
SB4: near the hazardous waste storage area
SB5: near the existing and historical vapor degreasing operations
SB6 and SB7: near the pretreatment area

Each of the borings SB1 through SB5 were advanced to a depth of approximately 20 feet below ground surface (bgs). SB6 and SB7, located inside the building, were hand augured to a depth of approximately 5 ft bgs.

3.3. Sampling and Chemical Analyses and Methods

Samples were collected and handled and preserved in accordance with general industry and ASTM guidelines. The chain of custody form can be found in Appendix B.

Soil samples were collected and analyzed for either volatile organic compounds using EPA Method 8260B and/or metals using EPA methods 6010B and 7471A. The metals analyzed for were the seventeen "CAM-17" metals as defined in California Code of Regulations Title 22. These metals include the eight RCRA metals as defined by USEPA. In addition certain samples were tested for soil pH.

Samples were collected for analysis for various depth ranges with up to four samples taken from each boring. The decision as to which family of substances was analyzed for (i.e., metals or VOCs) was based on the likely potential contaminants associated with the areas of interest; typically the samples were tested for both families. The sample depth ranges and analyses performed are indicated in Table 1.

4. Evaluation and Presentation of Results

4.1. Geologic Conditions

Geological conditions noted during the soil boring are detailed in the boring logs included in Appendix A. The soil immediately underlying the 4 to 6 inch concrete paving is light gray sand with some fine gravel extending to a depth of approximately 10 ft bgs. Medium to fine gravel was encountered below this layer, extending to the bottom of the borings. Groundwater was not encountered in any of the borings.

4.2. Analytical Data

The results of the soil sampling are presented in Table 1. The laboratory analytical report can be found in Appendix B.

5. Discussion of Findings and Conclusions

5.1. Criteria for Determining Significance of Detected Concentrations

EPA Region 9, which includes California, has developed Preliminary Remediation Goals (PRGs) which are tools for evaluating and cleaning up contaminated sites. PRGs are risk-based concentrations derived from standardized equations, combining conservative exposure information assumptions and EPA toxicity data. PRGs are specified for residential and industrial exposure scenarios for both cancer and non-cancer risk endpoints.

The Region 9 PRGs are generic; they were calculated without site-specific information. It should be recognized that a site-specific risk assessment of the site would take into account the current and potential future land use as well as physical barriers to exposure to soils. Current land use is industrial and given the nature of the site setting any future use is also likely to be industrial. The residential PRGs are applicable to a hypothetical future use scenario, i.e., for residential or "unrestricted use". The generic industrial use PRGs are likely to be over-protective because the site is covered by concrete, which significantly reduces, if not eliminates, the potential for any long-term contact with the soil (note the PRGs are based on long-term or chronic exposure to chemicals in soil).

Table 1 includes the PRGs for both industrial and residential exposure scenarios and the values shown are the more stringent of the non-cancer/cancer-derived health-protective concentrations¹. California's toxicity factors for certain chemicals are more stringent than the values used by EPA Region 9. For these chemicals (specifically cadmium and hexavalent chromium under residential exposure scenarios) the corresponding "California-modified" PRGs are used instead of the Region 9 values, as indicated in Table 1.

¹ The exception is arsenic when compared to a cancer end-point PRG. Arsenic is commonly found at naturally occurring concentrations in US soils in the 10s of mg/Kgs, well above the risk based cancer endpoint PRGs for residential and industrial exposures of 0.39 mg/Kg and 2.7 mg/Kg, respectively. The metals concentrations found in SB5,6 and 7, which are on the order of 1 mg/Kg, are in our opinion not indicative of site-related impacts or of regulatory concern.

5.2. Discussion of Results

i Volatile Organic Compounds

No widespread VOC-contamination was found at the site. Only one sample out of the 13 analyzed for VOCs returned two detected compounds: acetone and tetrachloroethene. These were detected in the 1 ft interval at SB5 located near the vapor degreaser and solvent tank that formerly contained chlorinated solvents. No detections were found in the 5 ft depth sample at this location. As shown in Table 1 the concentrations are well below the PRGs. These levels are not of concern from a risk perspective nor is there any reason to believe that remediation would be required in this area.

ii Metals

Although most of the metals analyzed for were detected, in no instance were the PRGs exceeded. As shown in Table 1, the measured values are in almost all cases lower than the PRGs by a large margin. The measured concentrations, except as noted below, are consistent with each other and are in our opinion representative of site background levels.

SB6, located near the indoor pretreatment area appears to exhibit elevated levels of total chromium and hexavalent chromium and comparatively low pH. However, the chromium levels are approximately 50% of the most stringent PRG for unrestricted residential use. The chromium concentrations attenuate with depth; the 3 ft sample results being about 50% of the 1 ft values. The pH in the two samples is about 4 standard units, above the 2 unit limit used in determining whether a waste is a hazardous waste and is therefore not of concern from this regulatory perspective.

5.3. Conclusion

The Phase II investigation did not reveal any significant levels of site-related impacts at the subject property. Minor impacts were noted for two volatile organic compounds, chromium and pH, but none of these are significant when compared to conservatively derived generic health risk-based criteria or general requirements for remediation. No levels were found that would preclude the unrestricted use of the site in the future.

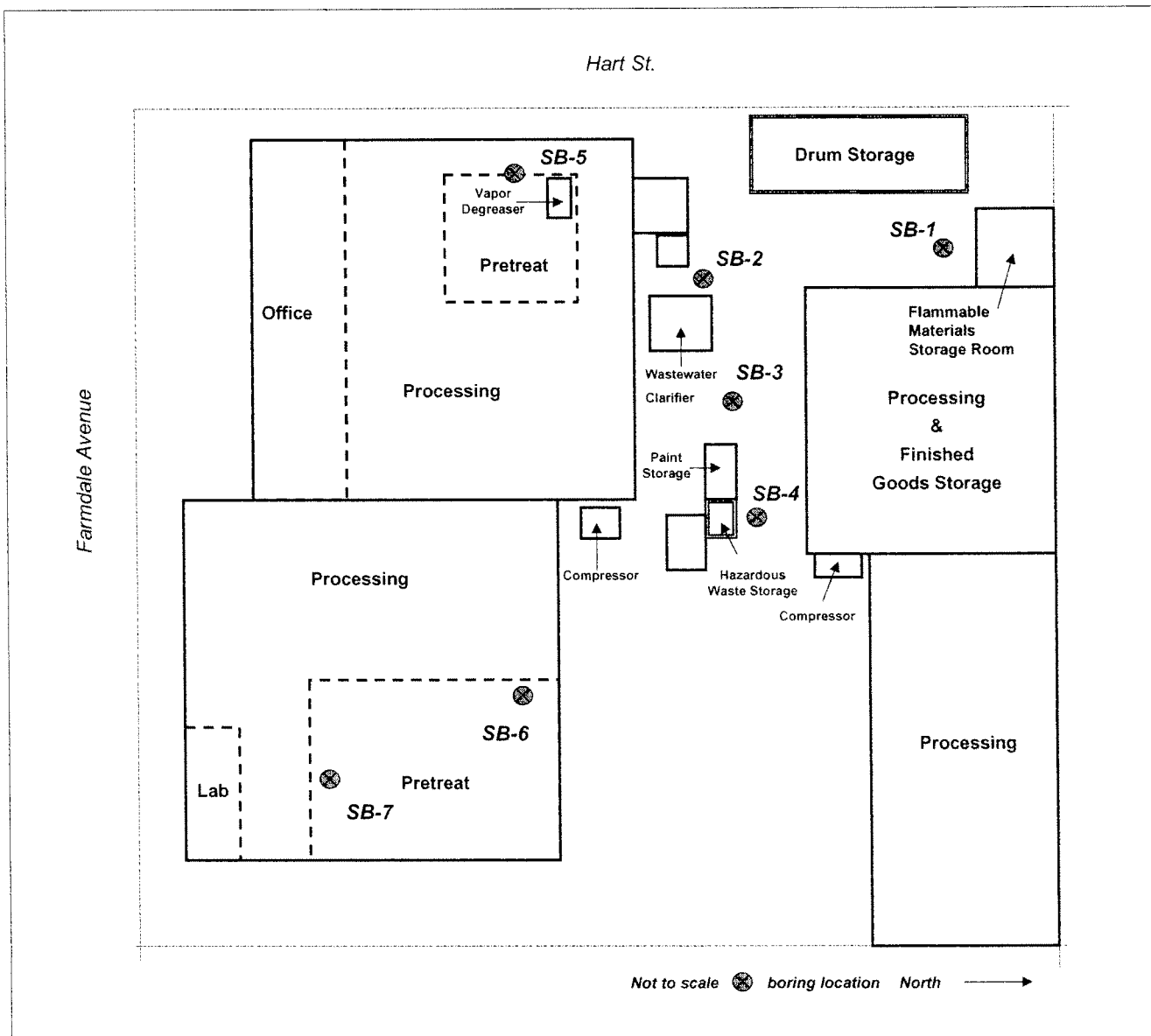


Figure 1. Soil Boring Locations

Table 1.
Detected Chemical Concentrations and Corresponding EPA Region 9 Preliminary Remediation Goals
(all units mg/Kg)

Results: Detected Analytes

Sample Number	Depth (ft)	Arsenic	Barium	Beryllium	Cadmium	Chromium (total)	Hexavalent Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Silver	Vanadium	Zinc	Magnesium	Ph	Acetone	Tetrachloroethene
Tt-SB1-5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND
Tt-SB1-10	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND
Tt-SB1-15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND
Tt-SB2-5	5	ND	51.5	ND	ND	5	0.13	3.94	4.69	1.17	ND	3.8	ND	14.2	17.9	2,480	7.86	ND	ND
Tt-SB2-10	10	ND	32.3	ND	ND	2.97	0.12	2.57	3.61	1.26	ND	2.38	ND	8.16	12.9	1,590	8.46	ND	ND
Tt-SB2-15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.1	ND	ND
Tt-SB2-20	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.85	ND	ND
Tt-SB3-5	5	ND	43	ND	ND	3.06	0.067	2.76	4.06	0.86	ND	2.29	ND	8.41	12.5	1,710	--	--	--
Tt-SB3-10	10	ND	61.7	ND	ND	6.95	0.11	4.69	5.1	1.3	ND	4.84	ND	15.7	23.5	3,460	--	--	--
Tt-SB4-5	5	ND	46.3	ND	ND	3.5	ND	3.64	4.11	1.06	ND	2.67	ND	12.5	15.9	2,020	--	ND	ND
Tt-SB4-10	10	ND	39.1	ND	ND	3.45	0.043	3.04	3.83	1	ND	2.84	ND	10.3	13.9	1,780	--	ND	ND
Tt-SB4-15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND
Tt-SB4-20	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND
Tt-SB5-1	1	0.857	63.6	ND	ND	6.61	0.18	14	7.32	3.22	0.282	4.55	ND	18.6	24.7	2,990	--	0.052	0.014
Tt-SB5-5	5	ND	24.5	ND	ND	1.83	0.065	1.75	3.06	1.61	0.313	1.79	ND	5.7	8.4	1,190	--	ND	ND
Tt-SB6-1	1	1.13	78.2	ND	ND	131	11	5.57	30.7	7.53	4.28	12.9	ND	19.8	30.7	3,350	4.01	--	--
Tt-SB6-3	3	ND	60.8	ND	ND	74.1	5.8	3.97	25	1.63	ND	11.9	ND	15.4	24.1	2,440	3.73	--	--
Tt-SB7-1	1	1.02	86.2	0.26	0.607	14.5	0.97	82.6	51.9	23	0.664	8.73	0.287	25.2	65.6	4,200	10.01	--	--
Tt-SB7-5	5	ND	56.4	ND	ND	5.75	0.057	4.6	4.97	1.35	ND	3.66	ND	19	21.5	2,630	8.12	--	--

-- sample not analyzed for this parameter

ND parameter below limit of detection

EPA Region 9: Preliminary Remediation Goals (PRGs)

	Arsenic (noncancer endpoint)	Barium and compounds	Beryllium and compounds	Cadmium and compounds	Total Chromium (1:8 ratio Cr VI:Cr III)	Chromium VI	Cobalt	Copper and compounds	Lead	Molybdenum	Nickel (soluble salts)	Silver and compounds	Vanadium and compounds	Zinc	Magnesium	Ph	Acetone	Tetrachloroethene
RESIDENTIAL SOIL	22	5,375	154	9*	211	20*	4,693	2,905	400	391	150	391	547	23,463	--	--	1,570	5.7
health end-point	nc	nc	nc	nc	c	c	nc	nc	nc	nc	nc	nc	nc	nc			nc	c
INDUSTRIAL SOIL	439	124,517	3,695	2,242	448	64	122,610	75,908	750	10,220	40,877	10,220	14,308	612,449	--	--	6,220	19
health end-point	nc	nc	c	nc	c	c	nc	nc	nc	nc	nc	nc	nc	nc			nc	c

* "California-Modified" PRG

-- no PRG

nc = non cancer risk endpoint: hazard index of 1

c = cancer risk endpoint: cancer risk of 1 x 10⁻⁶

**ADDENDUM TO
PHASE I ENVIRONMENTAL SITE ASSESSMENT
E/M DIVISION OF MORGAN CHEMICAL PRODUCTS, INC.
NORTH HOLLYWOOD, CALIFORNIA**

Prepared by:

Tetra Tech, Inc.
670 N. Rosemead Blvd.
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February 13, 2002

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
1.1	Purpose.....	1
1.2	Methodology	1
1.3	Special Terms and Conditions	2
1.4	Limitations or Exceptions of Assessment	2
2.0	SITE DESCRIPTION.....	3
2.1	Site and Vicinity Characteristics	3
2.1.1	Property Structures	3
2.1.2	Site Utilities/Wells/Septic Systems	6
2.2	Current Uses of Property	6
2.3	Past Uses of Property.....	7
2.4	Current and Past Uses of Nearby Property.....	7
3.0	POLYCHLORINATED BIPHENYLS (PCBs) AND ASBESTOS	8
3.1	PCBs	8
3.2	Asbestos.....	8
4.0	MATERIALS, PRODUCTS AND PESTICIDE MANAGEMENT	9
5.0	SOLID AND HAZARDOUS WASTE MANAGEMENT	10
7.0	WASTEWATER MANAGEMENT.....	11
7.1	Current Wastewater Management.....	11
7.3	Stormwater Management.....	11
8.0	STORAGE TANKS	12
8.1	Aboveground Tanks.....	12
8.2	Underground Tanks.....	12
9.0	REMEDIAL INVESTIGATIONS.....	13
12.0	RECORDS REVIEW	14
14.0	CONCLUSIONS AND RECOMMENDATIONS.....	15

Appendix A:	Photographs
Appendix B:	Environmental Database Search Report

LIST OF TABLES AND FIGURES

Table 1. Raw Material Usage.....	9
Figure 1 Site Location Map	4
Figure 2 Site Plan.....	5

1.0 INTRODUCTION

1.1 Purpose

This report presents the results of a Phase I site assessment conducted at the E/M facility located at 6940 Farmdale Avenue, North Hollywood, California. This report updates the document, "Phase I Environmental Site Assessment of The E/M Corporation Facility at North Hollywood, California", November 5, 1996, and the Phase I Addendum, dated August 24, 1998. Both earlier Phase I documents were prepared by Sciences International, Inc. for the purpose of characterizing potential environmental liabilities that may be associated with the current and past operations of the facility and with nearby land use. This second report addendum provides updated Phase I information in accordance with American Standard for Testing Materials (ASTM) standards.

1.2 Methodology

This Phase I Assessment addendum has been prepared to generally comply with the ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM, E1527). Much of the information has been derived from the original November 1996 Phase I Assessment report and the 1998 addendum. However, this second addendum does not focus on certain areas of regulatory compliance, such as OSHA, SARA, and air quality emissions. These issues are generally not relevant to the standard ASTM Phase I protocols.

The present update report relies upon the same methodology as the earlier assessment. Information was obtained from:

- An on-site inspection of the subject property;
- Interviews with facility employees and review of available documents; and
- A regulatory database review to investigate facility and adjacent property compliance issues.

An updated inspection of the property was conducted on February 1, 2002, by Ms. Jamie Bechtold, of Tetra Tech, Inc. The principal person interviewed was Mr. Derek Needham, Facility Manager, who has responsibility at the facility level. Mr. Needham manages environmental, health, and safety (EH&S) issues.

The on-site visit consisted of physical inspection of the property and any structures on it to obtain information on the uses and conditions of the property that might indicate any potentially "significant" environmental issues associated with them. No sampling or analysis of building materials (asbestos, lead-based paint) or environmental media (soil, water, air) were performed during this Phase I assessment.

Photographs of the facility are in Appendix A. The environmental database report is in Appendix B. Documents to which reference is made in this report have been provided separately to E/M.

1.3 Special Terms and Conditions

This Environmental Site Assessment Report has been prepared by Tetra Tech, Inc., for the exclusive use of E/M for specific application to the subject property. However, this report may be reviewed by whoever else is determined by E/M to have such a need.

The only warranty made by Tetra Tech, Inc., in connection with these provided services, is that we have used the degree of skill ordinarily exercised under similar conditions by reputable members of our profession in the same or similar locality. No other warranty expressed or implied is made or intended.

1.4 Limitations or Exceptions of Assessment

The conclusions contained in this report are based on conditions observed at the facility at the time of the site inspection, historical information, available database review, and interviews with site personnel. The data upon which these conditions are based are subject to change with time. This Environmental Site Assessment constitutes a cursory review of facility conditions and cannot confirm or rule out the presence or absence of contamination.

2.0 SITE DESCRIPTION

2.1 Site and Vicinity Characteristics

The facility is located in six buildings with addresses on Farmdale Avenue and Hart Street, North Hollywood, CA 91605, Latitude 34° 11' 02", Longitude 118° 24' 27", Elevation 710 ft (see Figure 1). It is close to the City of Burbank airport in an area which contains industrial, residential, and commercial properties. The facility is not known to be in a flood plain and has never been flooded. The facility is not in an area subject to severe storm events. Although in an earthquake-prone area, the facility has not suffered any damage from any earthquakes.

The facility is surrounded on three sides by industrial facilities. To the north is a producer of scenery for the movie industry which uses wood, paint, and plastics in its operations. To the west is a commercial anodizer. A facility that manufactures sanitary equipment such as lavatories and driers is located to the east. To the south is a residential area, with the nearest residence being about 500 yards away. The population within one mile of the plant numbers is in the few thousands.

The nearest surface water body is the Los Angeles River about three miles to the south. The soils at the site are sandy. The water table is about 200 feet deep with the first productive aquifer at about 800 feet. The climate in the area is classified as "desert arid".

2.1.1 Property Structures

The facility's mailing address is 6940 Farmdale Ave, but each of the buildings comprising the facility has its own address. The main office and a portion of the application process area occupy 10,000 ft² at 6940 Farmdale Ave. Just south of and connected to this building is another 10,000 ft² structure, consisting of a laboratory, offices and additional application processing space. The address of this building is 6928 Farmdale Ave. East of these buildings are two other connected process buildings. The northern of the two occupies 3,500 ft² and has two addresses--11432 and 11430 Hart St. Product manufacturing takes place here. The other building, used for lubricant coating by the Microseal[®] process, occupies 5,500 ft² and has the addresses 6928½ and 6928¼ Farmdale Ave. In addition to these buildings, all owned by E/M, the facility leases two other buildings across Farmdale Ave., for warehousing and storage of dry goods contained in fiberboard drums, bags, and metal drums--6921 and 6910 Farmdale Ave. with areas of 7,500 ft² and 5,000 ft², respectively. Figure 2 is a site plan showing property boundaries and its primary features.

Each of the buildings is constructed of concrete block with concrete slab floors and wood planked roofs. Because of the temperate climate, the buildings are not insulated.

Figure 1- Site Location Map

Figure 2 – Site Plan

The information detailed in the earlier Phase I Assessments remains unchanged, except for the addition of a concrete block wall which runs along the northern boundary parallel to Hart Street in the area of the outdoor raw material storage pad. The wall was added to provide better security to the drum storage area and to reduce the chance of any fires impacting nearby facilities.

2.1.2 Site Utilities/Wells/Septic Systems

The facility purchases its electricity from the Los Angeles Department of Water and Power. Gas, for both heating and process is purchased from Southern California Gas. The facility operates a low pressure steam boiler and three compressors which are permitted by the city Department of Building and Safety. The facility operates an electric ceramic furnace and 18 ovens for curing coatings. Of the latter, 8 are fired by natural gas and 10 by electricity.

Offices are cooled by central air conditioning and the plant area by evaporative cooling. The facility also operates two 40-ton chillers for cooling the hard anodizing tanks. Two cooling towers are located near the chillers to dissipate heat from the chiller water as well as for coolant water for the vapor degreaser. Neither of the refrigeration systems contains CFCs or other Class 1 substances but the chillers do contain HCFCs.

Water for drinking, sanitary and process uses is obtained from the Los Angeles county with the water supply originating in the Colorado River and as run off from the Sierra Mountains. The facility does not operate any production wells.

The facility does not now have nor had in the past a septic system, always having been connected to the city wastewater system.

2.2 Current Uses of Property

Ninety percent of operations at this facility involve the application of solvent-based solid film lubricants to metal parts. The remaining ten percent involves the application of water-based coatings. Operations fall under two main categories: Pretreatment and Coating. The following operations are included under each category:

Pretreatment:

- Anodizing of aluminum, and titanium parts
- Passivation with nitric acid/sodium dichromate dip
- Phosphating with zinc and manganese phosphates
- Chemical etching
- Alkaline cleaning
- Abrasive blasting

Coating:

- Application by the Microseal® process, a high pressure application of lubrication solids
- Chemical coating

Typically, a combination of one or two pretreatments is completed before a coating is applied. Pretreatment is completed by immersing the part to be treated in a series of tanks with rinsing following each unit process. In the anodizing area, three rinses are static with the rest of the rinses in this area running. In the process area, all the rinses, except for the one following passivation, are running. The floors in the process areas are sealed by a chemical resistant 1/8-inch thick rubberized sheet, known as Petrotac.

E/M also operates machine and maintenance shops at the 6910 Farmdale Avenue structure and has two quality control laboratories at the 11432 Hart St. building, one for viscosity testing and the other for batch testing of manufactured coatings.

The 1996 Phase I report documented that facility operations included the manufacturing of coating formulations (compounding). Manufacturing of coatings was discontinued in July 1998. In addition, the following activities listed in the 1996 Phase I Assessment are not conducted at the facility: powder coating, iron phosphating, and black oxide coating. Currently approximately 90% of the facility's coating operations involve the application of solvent-based solid film lubricants (SFLs) to metal parts; the application of water-based coatings makes up the remainder.

The facility has also discontinued vapor degreasing. In the 1996 Phase I Assessment, it was documented that vapor degreasing had been conducted using 1,1,1-Trichloroethane (TCA). At the end of 1996, the facility conducted vapor degreasing using an azeotropic mixture of isopropanol and heptane in a unit designed for this type of solvent. The TCA vapor degreaser and its storage tank were removed from the site at that time. In approximately 1998, the degreaser was switched to acetone. In December 2001, vapor degreasing was permanently discontinued.

2.3 Past Uses of Property

The past uses of the facility have been described in the 1996 Phase I Assessment; no further information is known.

2.4 Current and Past Uses of Nearby Property

No further information is known regarding adjacent properties. The database search results summarized in Section 11.0 reveal some facilities within one mile of the facility which pose environmental concerns.

3.0 POLYCHLORINATED BIPHENYLS (PCBs) AND ASBESTOS

3.1 PCBs

There are not known to be any PCB materials or PCB-containing equipment at the facility, with the possible exception of fluorescent light ballasts.

3.2 Asbestos

The information provided in the 1996 Phase I Assessment remains unchanged.

4.0 MATERIALS, PRODUCTS AND PESTICIDE MANAGEMENT

Raw materials usage has been reduced significantly by the cessation of compounding activities. The facility no longer uses many of the stock materials that went into the formulations, including: resin binders and powders such as nickel, antimony trioxide, and lead phosphates. The materials currently used are those associated with coating and metal surface treatment and cleaning operations and these chemicals are identified in the 1996 Phase I Assessment and the 1998 Addendum. The main raw materials used and typical stored quantities are shown in Table 1. Since the facility was acquired in 1996, it has not stored any chlorinated organic compounds.

Table 1. Raw Material Usage

Material	Typical Usage	Storage Container
Coatings and solvents:		
Coatings	up to 200 gal/wk	5-gallon pails
Methyl ethyl ketone (MEK)	300 gal/month	55-gallon drums
Hydrocarbon solvent blend	200 gal/month	55-gallon drums
Toluene	800 gal/yr	55-gallon drums
Isopropyl alcohol	280 gal/yr	55-gallon drums
Ethanol	625 gal/yr	55-gallon drums
Aqueous process surface treatment chemicals:		
Manganese phosphate solution	1 drum/2months	55-gallon drums and tanks
Zinc phosphate solution	1 drum/3months	55-gallon drums and tanks
Nitric acid (32% soln.)	20 gal./quarter	55-gallon drums and tanks
Sulfuric acid	2 drum/3months	55-gallon drums and tanks
Sodium hydroxide	1 drum/month	55-gallon drums
Sodium hydroxide (solid)	50 lbs/yr	bags
Chromic acid	1 drum/2months	55-gallon drums and tanks
Oxalic acid	1 drum/2months	55-gallon drums and tanks

5.0 SOLID AND HAZARDOUS WASTE MANAGEMENT

Solid (non-hazardous) wastes including plant refuse, cardboard, and empty pails are stored in two covered dumpsters located behind the main building. The dumpsters are emptied daily by Waste Management, Inc. and the contents disposed of in the local municipal landfill. At the time of the site visit, these wastes were appropriately contained and no appreciable amounts of liquid paint residues were noted in the dumpsters.

As discussed in the 1996 Phase I Assessment, the facility has five hazardous waste streams: dewatered sludge (filter cake) from the waste water treatment system; paint-related wastes; residue from solvent cleaning operations; used spray booth filters; and waste oil. Each of these waste streams has been analyzed and profiles are maintained at the facility.

The hazardous wastes are stored in drums both in the diked out-of-doors hazardous waste storage area and in a nearby covered fenced area (designated as the "drum storage area") which also has diked concrete flooring. Filter cake is stored in this area in DOT-approved sacks. Sludge generated from the evaporation of nickel solution is added to the filter cake. At the time of the site visit, the hazardous waste area and drum storage area appeared to be well maintained and all drums were labeled, dated, and stored within the time period allowed.

6.0 WASTEWATER AND STORMWATER DISCHARGE

6.1 Wastewater Management

The operations that generate process wastewater are the same as those detailed in the 1996 Phase I Assessment, namely running rinses from hard anodizing, nickel and chrome seal, and zinc and manganese phosphating. The facility has no NPDES permits for surface water discharges other than stormwater which is discussed below and there are no drains in the facility buildings.

6.2 Stormwater Management

As detailed in the 1996 Phase I Assessment, storm water drains along the paved area between the two sets of buildings in a northerly direction towards Hart Street, where it flows west eventually reaching the Los Angeles River, three miles away. This discharge was covered by a general permit issued by the state's Water Resources Control Board (Identification No. 4B19S001224).

The facility has conducted the required stormwater sampling and submitted the required annual reports for the past two years. The facility's Storm Water Monitoring Program and Storm Water Pollution Prevention Plan were both revised in June 1998. No concerns have been expressed by regulatory agencies about the facility's management of storm water. No staining or other signs of environmental impairment were noted during the site inspection.

7.0 STORAGE TANKS

7.1 Aboveground Tanks

There are no aboveground storage tanks currently in use at the facility with the exception of two large water storage tanks associated with the wastewater treatment system. These tanks and the tanks in the aqueous line and treatment system do not require registration as they are process tanks and are not used for storage of chemicals.

7.2 Underground Tanks

There are no underground tanks currently in use at the site and to the knowledge of facility personnel, never have been any. The in-ground clarifier is exempt from underground storage tank regulations because it is a flow-through process tank.

8.0 PREVIOUS SUBSURFACE INVESTIGATIONS

In March of 1988, the U.S. EPA Region IX requested information about the site history and previous investigations claiming them to be relevant to a groundwater contamination in the San Fernando Valley. The request for information was made in response to the discovery of two groundwater contamination plumes consisting of tetrachloroethene (PCE) and trichloroethene (TCE) in the North Hollywood area.

Six months later, the California Regional Water Quality Control Board (CRWQCB) requested that the facility perform a subsurface investigation. The facility complied by drilling nine soil borings and analyzing samples for VOCs. Borings were completed adjacent to the solvent still, paint and hazardous waste storage area, drum storage area, and compressors. Apart from methylene chloride, the only chemical detected was PCE at a concentration of 80 parts per billion (ppb) at a depth of 20 feet below ground surface (bgs).

At the request of the regulatory agencies, two additional investigation phases were completed at the property. Additional soil borings were completed to depths ranging from 40 to 80 feet bgs. PCE was detected at concentrations near 10 ppb at depths of up to 60 feet bgs. No detectable concentrations were recorded between 65 and 80 feet bgs.

Subsequent to this investigation, in 1993, E/M (then known as E/M Corporation) placed approximately 6 inches of concrete over existing asphalt-paved outdoor areas.

Further details of facility history and operations can be found in the 1996 and 1998 Phase I Assessments.

9.0 RECORDS REVIEW

As part of this environmental assessment, Tetra Tech, Inc. retained Environmental Data Resources, Inc. (EDR) to search federal and state environmental databases. All searched distances are in conformity with ASTM standards. A detailed report of the regulatory database search is provided in Appendix B while the results of these searches are summarized below.

The San Fernando Valley site, which surrounds the facility is on the National Priorities List and is an area of contaminated groundwater. The facility's involvement in this issue is discussed in detail in the 1996 Phase I Assessment. The facility has had no further contact with state or federal authorities since that time.

The E/M facility is listed on the RCRIS database as a large quantity generator of hazardous waste as defined by RCRA. The property is also listed on the HAZNET database, which lists sites with hazardous waste manifests.

Review of the EDR Report indicates that there are two other Large Quantity Generators, and 20 Small Quantity Generators located within one-quarter mile of the North Hollywood facility. There are four sites identified on the CAL-SITES list as known or potential hazardous substance sites within one mile of the facility. Two sites were identified within one-quarter of a mile from the facility that have registered underground storage tanks. Nine sites were identified within one-half of mile that have leaking underground tanks. The closest of the sites with leaking underground tanks was greater than one-quarter mile from the facility.

The impact on the facility of the San Fernando Valley Superfund site has been discussed in the 1996 Phase I Assessment. Other than that, there is no information to indicate that the E/M site has been impacted or that it would be included in any regulatory environmental actions associated with nearby properties.

10.0 CONCLUSIONS AND RECOMMENDATIONS

This report presents the results of a Phase I site assessment conducted at the E/M facility located at 6940 Farmdale Avenue, North Hollywood, California. This report updates the document, "Phase I Environmental Site Assessment of The E/M Corporation Facility at North Hollywood, California", November 5, 1996, and the Phase I Addendum, dated August 24, 1998.

The Phase I Environmental Site Assessment was conducted in conformance with the scope and limitations of ASTM Practice E1527 to bring current the characterization of potential environmental liabilities that may be associated with the current and past operations of the facility and with nearby land use. The conclusions contained in this report are based on conditions observed at the facility at the time of the site inspection, historical information, available database review, and interviews with site personnel.

This assessment notes the following areas of potential environmental concern in connection with current and past operations on the property:

- Vapor Degreaser / Former Solvent Tank – Sampling is recommended in this area to assess if the degreaser or former solvent tank had leaked. Cleaning solvents that were historically used in this area included PCE, TCE and 1,1,1-TCA. In addition, one of the process lines is located in this area.
- Solvent Still Area – Solvents were historically used in this area. Low concentrations of volatile organic compounds (VOCs) were detected in the shallow soils during prior investigations.
- Drum Storage Area – Various chemicals were stored in drums in this area that may potentially have impacted the subsurface soils. Sampling is recommended in this area to assess any impacts the subsurface soils.
- Clarifier – The clarifier received wastewater from the process lines within the building. Sampling is recommended in this area to assess if the clarifier has leaked.
- Hazardous Waste / Paint Storage Area – Sampling is recommended in this area to assess any impacts the subsurface soils.
- Southernmost Pre-Treatment / Processing Line – Anodizing, etching, and cleaning solutions were used in this area. Sampling is recommended in this area to assess any impacts the subsurface soils.

Phase II sampling of these areas has been conducted to address the above-outlined potential areas of concern. The investigation consisted of shallow soil sampling and chemical analyses to determine if chemicals of concern are present in the soil. A Phase II investigation report, dated January 30, 2002, has been prepared which documents and evaluates the investigation results. The Phase II report states that the investigation did not reveal any significant levels of site-related impacts at the subject property.

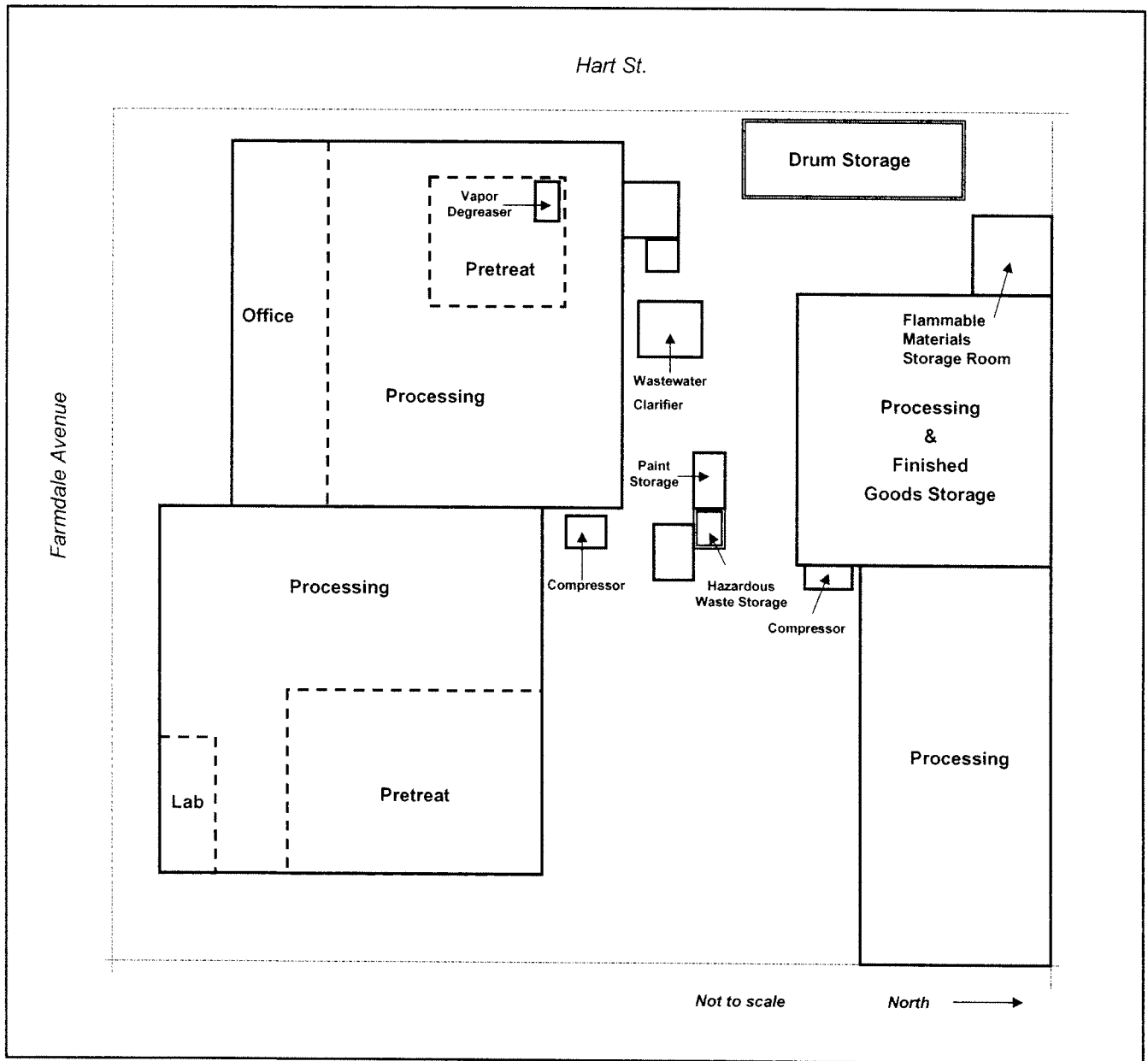


Figure 1. Site Plan



The EDR Radius Map with GeoCheck[®]

**E/M Coatings, Inc.
6940 Farmdale Avenue
North Hollywood, CA 91605**

Inquiry Number: 729535.2s

January 30, 2002

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
EDR Proprietary Historical Map Findings	101
Orphan Summary	102
EPA Waste Codes	EPA-1
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-230

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605

COORDINATES

Latitude (North): 34.196300 - 34° 11' 46.7"
Longitude (West): 118.381300 - 118° 22' 52.7"
Universal Tranverse Mercator: Zone 11
UTM X (Meters): 372726.7
UTM Y (Meters): 3784589.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2434118-B4 VAN NUYS, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
E/M, A DIV OF MORGAN CHEMICAL PRODUCTS 6940 FARMDALE AVENUE NORTH HOLLYWOOD, CA 91605	HAZNET	N/A
E M CORP 6940 FARMDALE AVENUE NORTH HOLLYWOOD, CA 91605	FINDS RCRIS-LQG TRIS	91605MCRPR69

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

Proposed NPL..... Proposed National Priority List Sites
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

Notify 65..... Proposition 65 Records

EXECUTIVE SUMMARY

Toxic Pits..... Toxic Pits Cleanup Act Sites
CA BOND EXP. PLAN..... Bond Expenditure Plan

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
Delisted NPL..... National Priority List Deletions
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
RAATS..... RCRA Administrative Action Tracking System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Aboveground Petroleum Storage Tank Facilities
CA WDS..... Waste Discharge System
CA SLIC..... Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
LOS ANGELES CO. HMS..... HMS: Street Number List
LA Co. Site Mitigation..... Site Mitigation List
AOCNCONCERN..... San Gabriel Valley Areas of Concern

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/22/2001 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY (AREA 1)	NORTH HOLLYWOOD WELLFIE	0 - 1/8	0	7

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 07/12/2001 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY (AREA 1)	NORTH HOLLYWOOD WELLFIE	0 - 1/8	0	7

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 2 RCRIS-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CASA DE CHROME	6868 FARMDALE AVE	0 - 1/8 S	C14	21
PACIFIC STEEL TREATING CO INC	6829 FARMDALE AVE	1/8 - 1/4 S	I31	33

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 20 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALTERNATOR SUPPLY & RESEARCH	6945 FARMDALE	0 - 1/8 N	A3	11
SUPERIOR THREAD ROLLING CO, IN	6926 FARMDALE AVE	0 - 1/8 S	A5	13
SCENERY WEST	11461 HART ST	0 - 1/8 N	D10	18
FOREIGN AUTO ELECTRIC	11468 HART	0 - 1/8 NNW	D12	20
PACIFIC MAGNETIC AND PENETRANT	6837 FARMDALE AVE	0 - 1/8 S	E15	22
NOBUR CLEVELAND TWIST DRILL	6860 FARMDALE AVE	0 - 1/8 S	E16	23
R&B AIRCRAFT SUPPLY INC	6848 FARMDALE AVE	0 - 1/8 S	E23	27
VINTAGE RESTORATIONS LTD	6915 BECK AVE	1/8 - 1/4 WSW	G24	28
VENTURE CLOTHING INC	6934 TUJUNGA AVE	1/8 - 1/4 E	H27	30
WALT DISNEY IMAGINEERING	6904 TUJUNGA AVE	1/8 - 1/4 E	H28	30
LAIDLAW TRANSIT	6950 TUJUNGA AVE	1/8 - 1/4 ENE	J33	37
MCDONALD KENNETH DESIGNS	6905 TUJUNGA AVE	1/8 - 1/4 ESE	34	39
PACIFIC METAL STAMPINGS INC	11489 VANOWEN ST	1/8 - 1/4 SSW	M42	44
AUTO SPORT ENGINES	11477 VANOWEN ST	1/8 - 1/4 S	M46	49
FLEETWOOD MACHINE PRODUCTS INC	11447 VANOWEN ST	1/8 - 1/4 S	O48	49
MERCURY CIRCUITS INC	11423 VANOWEN ST-UNIT 1	1/8 - 1/4 SSE	P51	53

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KARSEAL CORP	11552 HART ST	1/8 - 1/4 WNW	Q53	54
SEMCO INSTRUMENTS INC	11505 VANOWEN ST	1/8 - 1/4 SSW	M54	57
T & C CIRCUITS INC	11417 VANOWEN ST	1/8 - 1/4 SSE	P60	61
LUCAS MACHINE CO	11301 HATRLAND ST	1/8 - 1/4 ESE	R62	61

STATE ASTM STANDARD

AWP: California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for cleanup. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 11/08/2000 has revealed that there is 1 AWP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY (AREA 1)	NORTH HOLLYWOOD WELLFIE	0 - 1/8	0	7

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there are 4 Cal-Sites sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY (AREA 1)	NORTH HOLLYWOOD WELLFIE	0 - 1/8	0	7
VANOWEN INDUSTRIAL CENTER	11417-11423 VANOWEN ST.	1/8 - 1/4 SSE	P59	60
PACIFIC AIRMOTIVE	6909 LANKERSHIM BLVD	1/4 - 1/2 W	72	68
NICKEL SOLUTION RECYCLING INC.	11940 SHERMAN ROAD	1/2 - 1 WNW	95	95

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there is 1 CHMIRS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	11101 SHERMAN WAY	1/2 - 1 ENE	88	89

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 23 Cortese sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LAIDLAW TRANSIT INC	6950 TUJUNGA AVE	1/8 - 1/4 ENE	J32	36

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GENERAL WAX	6858 BECK AVE	1/8 - 1/4 SW	L38	41
GREG'S AUTOMOTIVE	11401 VANOWEN ST	1/8 - 1/4 SE	63	62
FEDERATED INDUSTRIES INC	11428 SHERMAN WAY	1/4 - 1/2 NNE	U70	66
MCCORMIX CORPORATION	11600 SHERMAN	1/4 - 1/2 NNW	73	69
FLIGHT ACCESSORY SERVS	11310 SHERMAN WAY	1/4 - 1/2 NE	V74	69
SUN VALLEY VEHICLE MAINT.AND B	11247 SHERMAN WAY	1/4 - 1/2 NE	V75	71
THRIFTY #016	6800 LANKERSHIM	1/4 - 1/2 WSW	W78	78
KAISER PERMANENTE REGIONAL LAB	11668 SHERMAN WAY	1/4 - 1/2 NW	81	80
TERRY INVESTMENT CO	7151 LANKERSHIM BLVD	1/4 - 1/2 NW	Y83	85
LAUSD/SUN VALLEY MS	7330 BAKMAN AVE	1/2 - 1 NNE	85	86
LANKERSHIM CAR WASH	6622 LANKERSHIM BLVD	1/2 - 1 SW	86	87
GREG'S AUTOMOTIVE	11041 VANOWEN ST	1/2 - 1 ESE	87	88
ARCO PRODUCTS COMPANY	6804 VINELAND AVE	1/2 - 1 ESE	89	90
SAMRAN THOMLOI	6761 VINELAND AVE	1/2 - 1 ESE	90	91
SUN VALLEY UNOCAL 76 SERVICE	7209 VINELAND AVE	1/2 - 1 ENE	91	92
PRICE CLUB	10950 SHERMAN WY	1/2 - 1 ENE	93	92
SARKIS KRIKORIAN LEONS CO	10740 VANOWEN ST	1/2 - 1 E	99	98
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
U-HAUL CENTER	11666 VICTORY BLVD	1/2 - 1 SSW	92	92
UNOCAL #6273	11705 VICTORY BLVD	1/2 - 1 SSW	94	93
CHEVRON STATION #9-3005	11724 VICTORY	1/2 - 1 SSW	96	95
FAST FUEL FACILITY (FORME	11051 VICTORY	1/2 - 1 SE	97	96
CHEVRON #9-202034	11000 VICTORY BLVD	1/2 - 1 SE	98	96

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
JAI TIRES	7201 LANKERSHIM BLVD	1/4 - 1/2 NW	84	85
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KITTRIDGE DUMP		1/4 - 1/2 SSE	X79	79

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KITTRIDGE DUMP-SUN VALLEY	11400 KITTRIDGE	1/4 - 1/2 SSE	X80	79

EXECUTIVE SUMMARY

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 08/07/2001 has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LIDLAW TRANSIT	6950 TUJUNGA AVE	1/8 - 1/4 ENE	J33	37
GENERAL WAX	6858 BECK AVE	1/8 - 1/4 SW	L38	41
VACANT LOT	11428 SHERMAN WAY	1/4 - 1/2 NNE	U71	67
FLIGHT ACCESSORY SERVS	11310 SHERMAN WAY	1/4 - 1/2 NE	V74	69
SUN VALLEY VEHICLE MAINT. AND B	11247 SHERMAN WAY	1/4 - 1/2 NE	V75	71
LA UNIFIED SCHOOL DISTRICT	11247 SHERMAN WY	1/4 - 1/2 NE	V76	74
THRIFTY #016	6800 LANKERSHIM BLVD	1/4 - 1/2 WSW	W77	76
KAISER PERMANENTE REGIONAL LAB	11668 SHERMAN WAY	1/4 - 1/2 NW	81	80
TERRY LUMBER CO	7151 LANKERSHIM BLVD	1/4 - 1/2 NW	Y82	83

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 10/30/2001 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LIDLAW TRANSIT	6950 TUJUNGA AVE	1/8 - 1/4 ENE	J33	37
GENERAL WAX CO INC	6858 BECK AVE	1/8 - 1/4 SW	L37	41

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, has revealed that there are 10 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TURNBERRY PROPERTIES INC	6872 FARMDALE AVE	0 - 1/8 S	C13	21
PACIFIC STEEL TREATING CO INC	6829 FARMDALE AVE	1/8 - 1/4 S	I31	33
LIDLAW TRANSIT	6950 TUJUNGA AVE	1/8 - 1/4 ENE	J33	37
ALMORE DYE HOUSE, INC.	6850 TUJUNGA AVE	1/8 - 1/4 ESE	K36	40
GENERAL WAX CO INC	6858 BECK AVE	1/8 - 1/4 SW	L39	43
GALE & THOMPSON	6849 BECK AVE	1/8 - 1/4 SW	L40	43
PACIFIC METAL STAMPINGS INC	11489 VANOWEN ST	1/8 - 1/4 SSW	M42	44
LOU NATHANSON	11470 VANOWEN ST	1/8 - 1/4 S	N45	48
KARSEAL CORP	11552 HART ST	1/8 - 1/4 WNW	Q53	54
ABBOT INDUSTRIAL SUPP INT'L IN	11604 HART ST	1/8 - 1/4 WNW	T67	65

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC STEEL TREATING	6829 FARMDALE AVE	1/8 - 1/4 S	I30	32

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GALE & THOMPSON	6849 BECK AVE	1/8 - 1/4 SW	L41	43
PACIFIC METAL STAMPINGS INC	11489 VANOWEN ST	1/8 - 1/4 SSW	M42	44
KARSEAL CORP	11552 HART ST	1/8 - 1/4 WNW	Q53	54
ABBOT INDUSTRIAL SUPPLIES	11604 HART ST	1/8 - 1/4 WNW	T68	65

FEDERAL ASTM SUPPLEMENTAL

RODS: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY (AREA 1)	NORTH HOLLYWOOD WELLFIE	0 - 1/8	0	7

STATE OR LOCAL ASTM SUPPLEMENTAL

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CLEANERS list, as provided by EDR, and dated 07/27/2001 has revealed that there is 1 CLEANERS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALMORE DYE HOUSE INC	6850 TUJUNGA AVE	1/8 - 1/4 ESE	K35	39

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 44 HAZNET sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ANO-BRITE INC	6945 FARMDALE AVE	0 - 1/8 N	A4	12
SUPERIOR THREAD ROLLING CO, IN	6926 FARMDALE AVE	0 - 1/8 S	A5	13
JET SETS	6910 FARMDALE AVE	0 - 1/8 S	B6	15
ARROYO AUTO CO	6909 FARMDALE AVE	0 - 1/8 S	B7	16
PROPER MANUFACTURING	6901 FARMDALE AVE	0 - 1/8 S	B8	17
JANCUR GAUGE CO	6886 FARMDALE AVE	0 - 1/8 S	C9	17
SCENERY WEST INC	11461 HART ST	0 - 1/8 N	D11	19
CASA DE CHROME	6868 FARMDALE AVE	0 - 1/8 S	C14	21

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC MAGNETIC AND PENETRANT	6837 FARMDALE AVE	0 - 1/8 S	E15	22
NOBUR MFG CO	6860 FARMDALE AVE	0 - 1/8 S	E17	24
FINOVA CAPITAL CORP	11501 HART ST	0 - 1/8 NW	F18	25
MICHAEL L PURO	11501 HART ST	0 - 1/8 NW	F19	25
VALLEY METALS	6850 FARMDALE	0 - 1/8 S	E20	26
BROTHERS PRINTING COMPANY INC	11500 HART STREET	0 - 1/8 NW	F21	27
FITZGERALD CONSTRUCTION	11500 HART ST	0 - 1/8 NW	F22	27
R&B AIRCRAFT SUPPLY INC	6848 FARMDALE AVE	0 - 1/8 S	E23	27
CORKY PRODUCTION INC	6915 BECK AVENUE	1/8 - 1/4 WSW	G25	28
RICHARD L ROBERTS & SONS	6922 TUJUNGA AVE	1/8 - 1/4 E	H26	29
WALT DISNEY IMAGINEERING	6904 TUJUNGA AVE	1/8 - 1/4 E	H28	30
WALT DISNEY COMPANY DBA IMAGIN	6904 TUJUNGA AVE	1/8 - 1/4 E	H29	31
PACIFIC STEEL TREATING CO INC	6829 FARMDALE AVE	1/8 - 1/4 S	I31	33
LAIDLAW TRANSIT INC	6950 TUJUNGA AVE	1/8 - 1/4 ENE	J32	36
ALMORE DYE HOUSE INC	6850 TUJUNGA AVE	1/8 - 1/4 ESE	K35	39
GENERAL WAX	6858 BECK AVE	1/8 - 1/4 SW	L38	41
PACIFIC METAL STAMPINGS INC	11489 VANOWEN ST	1/8 - 1/4 SSW	M42	44
PYMALT CORP - ATI DIVISION	11471 VAN OWEN	1/8 - 1/4 S	N43	46
ERMON HI PERFORMANCE EXPERTS	11470 VANOWEN	1/8 - 1/4 S	N44	48
PHOTO CHEM ETCH CORPORATION	11423 VANOWEN ST-UNIT 1	1/8 - 1/4 SSE	O47	49
FLEETWOOD MACHINE PRODUCTS INC	11447 VANOWEN ST	1/8 - 1/4 S	O48	49
1X PEATWOOD MACHINERY	11447 VAN OWEN STREET	1/8 - 1/4 S	O49	50
AAA METAL POLISHING	UNIT 29 11423 VANOWEN S	1/8 - 1/4 SSE	O50	51
SYMONS BROTHERS	11551 HART	1/8 - 1/4 WNW	Q52	53
KARSEAL CORP	11552 HART ST	1/8 - 1/4 WNW	Q53	54
SEMCO INSTRUMENTS INC	11505 VANOWEN ST	1/8 - 1/4 SSW	M54	57
GATEWAY VANOWEN MEDICAL GROUP	11432 VANOWEN ST	1/8 - 1/4 SSE	P55	58
JAWBREAKER PRODUCTIONS INC	11423 VAN OWEN ST	1/8 - 1/4 SSE	P56	59
DAVIS-COWEN INVESTMENTS LLC	11423 VAN OWEN	1/8 - 1/4 SSE	P57	59
PAUL DENNIS	11423 VAN OWEN	1/8 - 1/4 SSE	P58	60
DOWELL ALUMINUM	11342 HARTLAND	1/8 - 1/4 SE	R61	61
GREG'S AUTOMOTIVE	11401 VANOWEN ST	1/8 - 1/4 SE	63	62
HOLLAND COMMUNICATIONS	11562 VAN OWEN	1/8 - 1/4 SW	S64	62
WILLIE LENZ VW	11568 VAN OWEN ST	1/8 - 1/4 SW	S65	63
M&B GRAPHICS INC	11575 DEHOUGNE ST	1/8 - 1/4 W	66	64
1X ASSOCIATED INDUSTRIES	11347 VANOWEN ST	1/8 - 1/4 SE	69	65

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

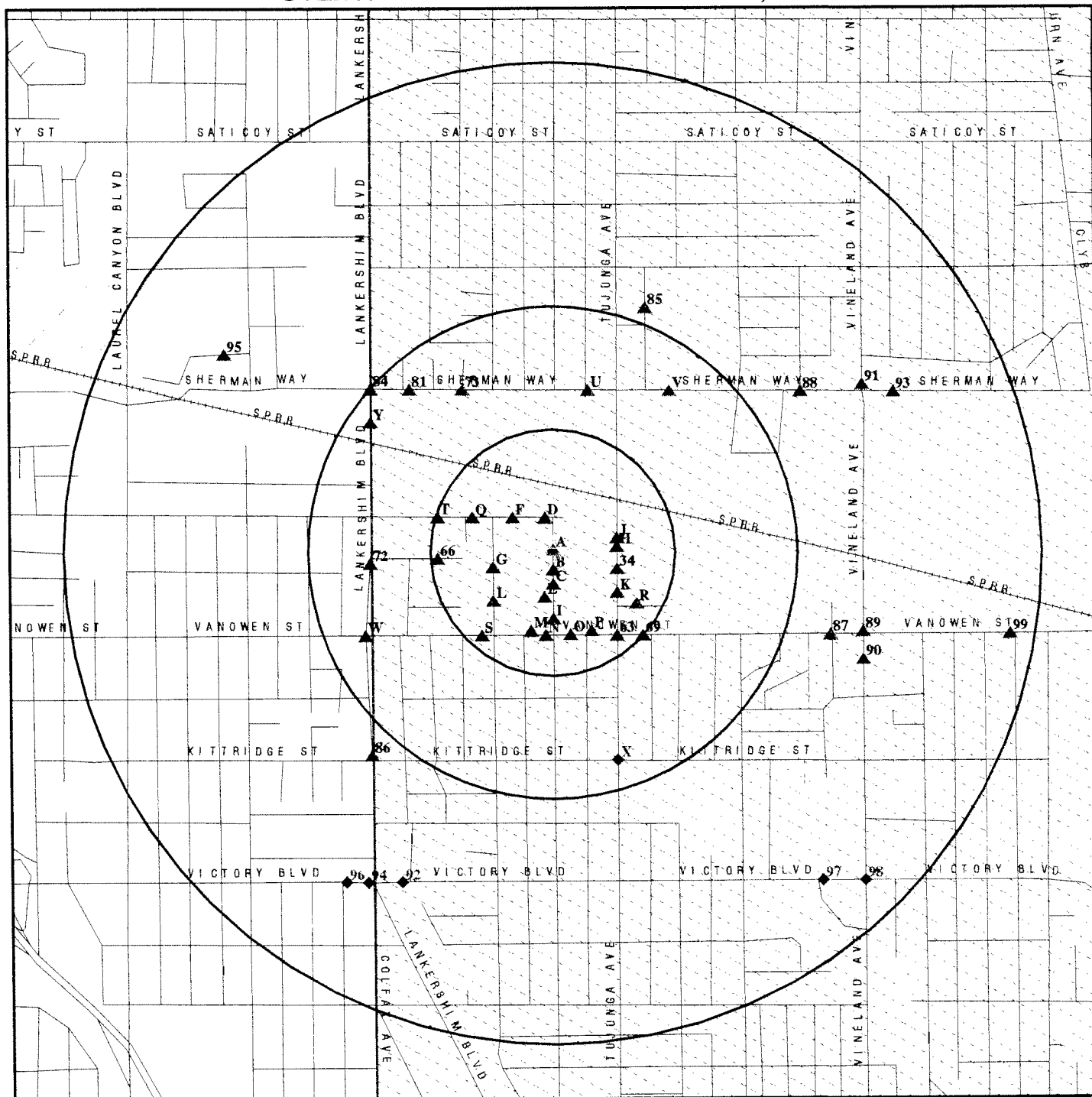
Site Name

THE H.E.L.P. GROUP
PACIFIC AIRMOTIVE
TRUESDALE CENTER
LLANO ILLEGAL DISPOSAL SITE
BENDIX CORP/ALLIED SIGNAL
VANOWEN
AL-TEC MACHINE CO
B AND M AUTO BODY
TOUCHSTONE PICTURES

Database(s)

Cal-Sites
Cal-Sites
CERCLIS
SWF/LF
LUST
HIST UST
HAZNET
HAZNET
HAZNET

OVERVIEW MAP - 729535.2s - Tetra Tech, Inc.



- Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- Historical Gas Stations / Historical Dry Cleaners
See the EDR Proprietary Historical Map Findings
- National Priority List Sites
- Landfill Sites

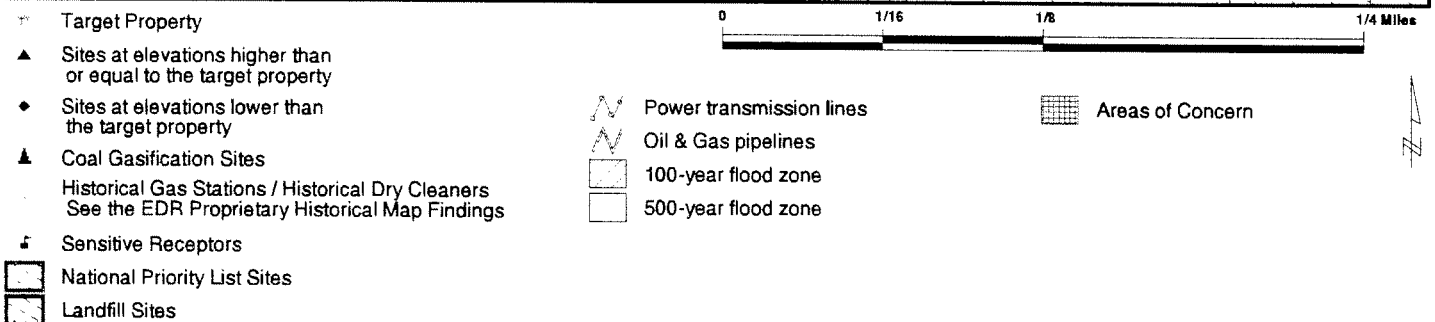
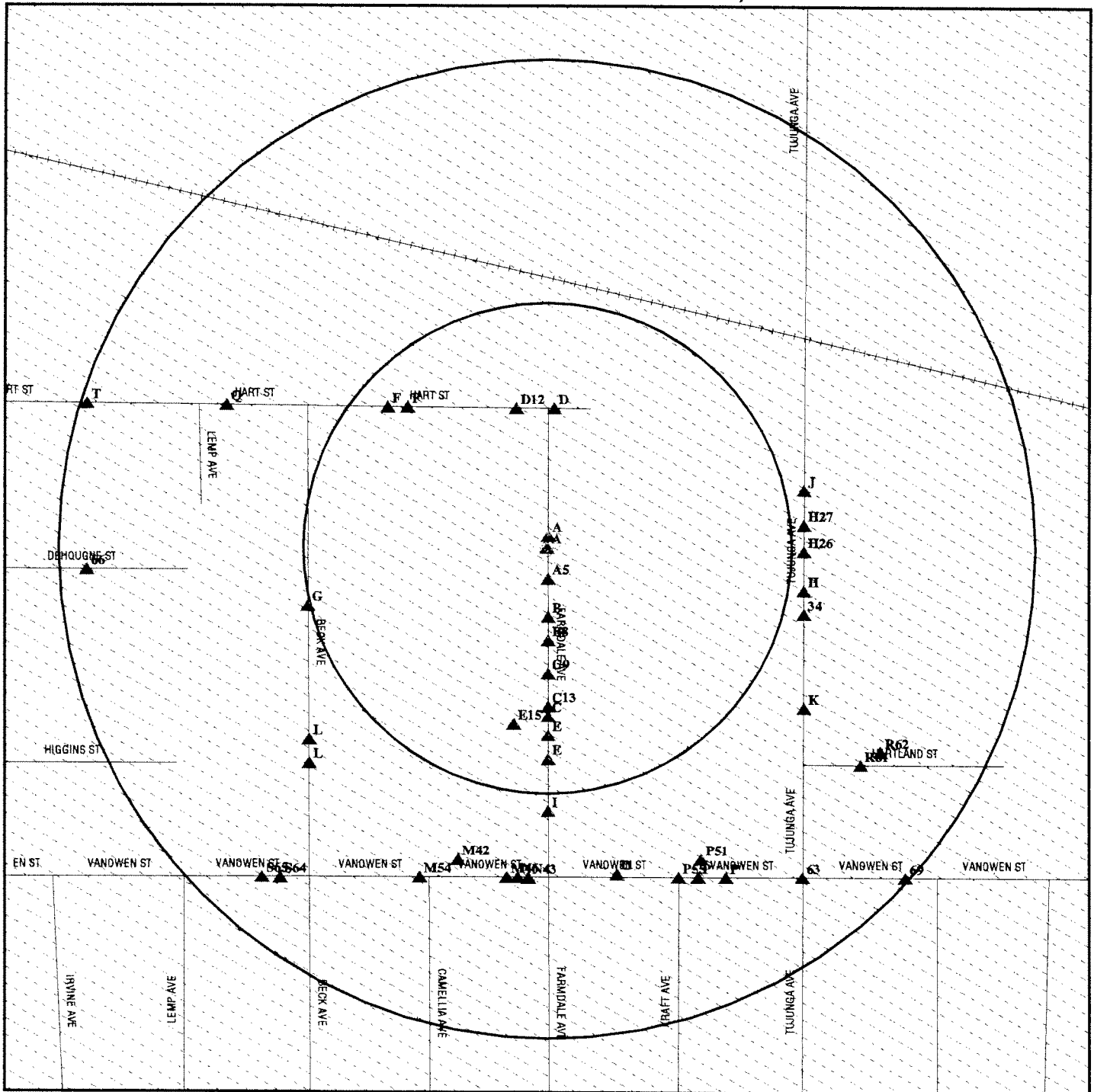
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

- Areas of Concern

TARGET PROPERTY: E/M Coatings, Inc.
 ADDRESS: 6940 Farmdale Avenue
 CITY/STATE/ZIP: North Hollywood CA 91605
 LAT/LONG: 34.1963 / 118.3813

CUSTOMER: Tetra Tech, Inc.
 CONTACT: Phil Skorge
 INQUIRY #: 729535.2s
 DATE: January 30, 2002 6:55 pm

DETAIL MAP - 729535.2s - Tetra Tech, Inc.



TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG:	E/M Coatings, Inc. 6940 Farmdale Avenue North Hollywood CA 91605 34.1963 / 118.3813	CUSTOMER: CONTACT: INQUIRY #: DATE:	Tetra Tech, Inc. Phil Skorge 729535.2s January 30, 2002 6:56 pm
--	--	--	--

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	1	0	0	0	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	1	0	0	NR	NR	1
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.	X	0.250	1	1	NR	NR	NR	2
RCRIS Sm. Quan. Gen.		0.250	7	13	NR	NR	NR	20
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	1	0	0	0	NR	1
Cal-Sites		1.000	1	1	1	1	NR	4
CHMIRS		1.000	0	0	0	1	NR	1
Cortese		1.000	0	3	7	13	NR	23
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	2	NR	NR	2
WMUDS/SWAT		0.500	0	0	1	NR	NR	1
LUST		0.500	0	2	7	NR	NR	9
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	2	NR	NR	NR	2
CA FID UST		0.250	1	9	NR	NR	NR	10
HIST UST		0.250	0	5	NR	NR	NR	5
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	1	0	0	0	NR	1
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS	X	TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	1	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA WDS		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET	X	0.250	16	28	NR	NR	NR	44
Los Angeles Co. HMS		TP	NR	NR	NR	NR	NR	0
LA Co. Site Mitigation		TP	NR	NR	NR	NR	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0

EDR PROPRIETARY HISTORICAL DATABASES

Gas Stations/Dry Cleaners	0.500	0	0	0	NR	NR	0
Coal Gas	1.000	0	0	0	0	NR	0
See the EDR Proprietary Historical Database Section for details							

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

A1
Target
Property

E/M, A DIV OF MORGAN CHEMICAL PRODUCTS
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605

Database(s)
EDR ID Number
EPA ID Number

HAZNET
S103669305
N/A

Site 1 of 5 in cluster A

HAZNET:

Gepaid: CAD091719450
Tepaid: CAD008364432
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .6755
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Not reported
Contact: E/M A DIV OF MORGAN CHEMICAL
Telephone: (770) 261-4800
Mailing Address: 20751 SUPERIOR STREET
CHATSWORTH, CA 91311 - 6210
County: Los Angeles

Gepaid: CAD091719450
Tepaid: CAD008364432
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .6880
Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Contact: E/M A DIV OF MORGAN CHEMICAL
Telephone: (770) 261-4800
Mailing Address: 20751 SUPERIOR STREET
CHATSWORTH, CA 91311 - 6210
County: Los Angeles

Gepaid: CAD091719450
Tepaid: CAD008364432
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 6.5719
Category: Unspecified solvent mixture Waste
Disposal Method: Not reported
Contact: E/M A DIV OF MORGAN CHEMICAL
Telephone: (770) 261-4800
Mailing Address: 20751 SUPERIOR STREET
CHATSWORTH, CA 91311 - 6210
County: Los Angeles

Gepaid: CAD091719450
Tepaid: CAD008364432
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 3.3777
Category: Off-specification, aged, or surplus organics
Disposal Method: Not reported
Contact: E/M A DIV OF MORGAN CHEMICAL
Telephone: (770) 261-4800
Mailing Address: 20751 SUPERIOR STREET
CHATSWORTH, CA 91311 - 6210
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

E/M, A DIV OF MORGAN CHEMICAL PRODUCTS (Continued)

S103669305

Gepaid: CAD091719450
Tepaid: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .7214
Category: Waste oil and mixed oil
Disposal Method: Not reported
Contact: E/M A DIV OF MORGAN CHEMICAL
Telephone: (770) 261-4800
Mailing Address: 20751 SUPERIOR STREET
CHATSWORTH, CA 91311 - 6210
County: Los Angeles

The CA HAZNET database contains 60 additional records for this site.
Please contact your EDR Account Executive for more information.

A2 E M CORP
Target 6940 FARMDALE AVENUE
Property NORTH HOLLYWOOD, CA 91605

FINDS 1000109288
RCRIS-LQG 91605MCRPR69
TRIS

Site 2 of 5 in cluster A

RCRIS:
Owner: MORGAN CHEMICAL PRODUCTS INC
(770) 261-4800
Contact: Not reported
Record Date: 09/15/1999
Classification: Large Quantity Generator

BIENNIAL REPORTS:
Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	4008.13	D007	900.00
D008	1566.00	D035	312.01
F003	3917.13	F005	3765.13

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Biennial Reporting System (BRS)
Enforcement Docket System (DOCKET)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

NPL SAN FERNANDO VALLEY (AREA 1)
Region NORTH HOLLYWOOD WELLFIELD AREA
LOS ANGELES, CA 91601

CERCLIS 1000709322
FINDS CAD980894893
NPL
ROD
Cal-Sites
AWP

< 1/8
1

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SAN FERNANDO VALLEY (AREA 1) (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000709322

CERCLIS Classification Data:

Site Incident Category:	Non-Oil Spill	Federal Facility:	Not a Federal Facility
Non NPL Status:	Not reported		
Ownership Status:	Mixed Ownership	NPL Status:	Currently on the Final NPL
Contact:	Loren Henning	Contact Tel:	(415) 744-2235
Contact Title:	Not reported		
Site Description:	SAN FERNANDO #1 IS AN AREA OF CONTAMINATED GROUND WATER IN VICINITY OF N. HOLLYWOOD, CA. THIS AREA IS PART OF THE SAN FERNANDO VALLEY BASIN, A NATURAL UNDERGROUND RESERVOIR THAT IS SOURCE OF DRK WATER FOR 3MIL. CONTAMINATED W/TCE, PCE, CAR		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	12/01/1983
Assessment:	HRS PACKAGE	Completed:	04/01/1984
Assessment:	PRELIMINARY ASSESSMENT	Completed:	04/01/1984
Assessment:	SITE INSPECTION	Completed:	04/01/1984
Assessment:	PROPOSAL TO NPL	Completed:	10/15/1984
Assessment:	NPL RP SEARCH	Completed:	08/15/1985
Assessment:	FINAL LISTING ON NPL	Completed:	06/10/1986
Assessment:	COMBINED RI/FS	Completed:	09/24/1987
Assessment:	RECORD OF DECISION	Completed:	09/24/1987
Assessment:	REMEDIAL DESIGN	Completed:	09/24/1987
Assessment:	COMBINED RI/FS	Completed:	06/30/1989
Assessment:	RECORD OF DECISION	Completed:	06/30/1989
Assessment:	REMOVAL ASSESSMENT	Completed:	08/29/1990
Assessment:	UNILATERAL ADMIN ORDER	Completed:	08/30/1990
Assessment:	Explanation Of Significant Differences	Completed:	11/12/1990
Assessment:	RD/RA NEGOTIATIONS	Completed:	03/28/1991
Assessment:	REMOVAL COMMUNITY RELATIONS	Completed:	05/23/1991
Assessment:	REMOVAL	Completed:	05/23/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	06/17/1991
Assessment:	REMEDIAL ACTION	Completed:	09/04/1991
Assessment:	NPL RP SEARCH	Completed:	09/30/1991
Assessment:	CONSENT DECREE	Completed:	03/25/1992
Assessment:	UNILATERAL ADMIN ORDER	Completed:	03/26/1992
Assessment:	HUMAN HEALTH RISK ASSESSMENT	Completed:	12/15/1992
Assessment:	ECOLOGICAL RISK ASSESSMENT	Completed:	12/15/1992
Assessment:	PREPARATION OF COST DOCM PKGE	Completed:	06/17/1993
Assessment:	NPL RP SEARCH	Completed:	06/30/1993
Assessment:	FIVE YEAR REMEDY ASSESSMENT	Completed:	07/08/1993
Assessment:	PRP RD	Completed:	11/22/1993
Assessment:	PRP RD	Completed:	11/22/1993
Assessment:	UNILATERAL ADMIN ORDER	Completed:	02/18/1994
Assessment:	PREPARATION OF COST DOCM PKGE	Completed:	06/24/1994
Assessment:	PRP RI/FS	Completed:	09/09/1994
Assessment:	PRP RI	Completed:	09/09/1994
Assessment:	PREPARATION OF COST DOCM PKGE	Completed:	02/13/1995
Assessment:	PREPARATION OF COST DOCM PKGE	Completed:	01/26/1996
Assessment:	Lodged By DOJ	Completed:	02/21/1996
Assessment:	Lodged By DOJ	Completed:	03/14/1996
Assessment:	CONSENT DECREE	Completed:	07/01/1996
Assessment:	CONSENT DECREE	Completed:	08/01/1996
Assessment:	COST RECOVERY NEGOTIATIONS	Completed:	01/14/1997
Assessment:	SECTION 107 LITIGATION	Completed:	01/14/1997
Assessment:	Explanation Of Significant Differences	Completed:	02/12/1997
Assessment:	Lodged By DOJ	Completed:	02/18/1997
Assessment:	Lodged By DOJ	Completed:	02/18/1997

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SAN FERNANDO VALLEY (AREA 1) (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000709322

Assessment:	CONSENT DECREE	Completed:	05/14/1997
Assessment:	CONSENT DECREE	Completed:	05/14/1997
Assessment:	RD/RA NEGOTIATIONS	Completed:	08/07/1997
Assessment:	PRP RD	Completed:	09/30/1997
Assessment:	Lodged By DOJ	Completed:	03/17/1998
Assessment:	CONSENT DECREE	Completed:	06/22/1998
Assessment:	ADMIN ORDER ON CONSENT	Completed:	06/30/1998
Assessment:	FIVE YEAR REMEDY ASSESSMENT	Completed:	08/17/1998
Assessment:	ADMIN ORDER ON CONSENT	Completed:	12/30/1998
Assessment:	LONG TERM RESPONSE ACTION	Completed:	12/01/1999

CERCLIS Site Status:

Not reported

CERCLIS Alias Name(s):

SAN FERNANDO VALLEY- N HOLLYWOOD WELLFLD
NORTH HOLLYWOOD OPERABLE UNIT
BURBANK OPERABLE UNIT
SAN FERNANDO VALLEY (AREA 1)
SAN FERNANDO VALLEY (AREA 1)

NPL:

EPA ID:	CAD980894893
Region:	09
Federal:	General
Final Date:	06/10/1986

NPL Contaminant:

NPL Status:	Final
Substance Id:	U044
Case Num:	67-66-3
Substance :	CHLOROFORM
Pathway :	GW
GW Scoring :	Observed Release & Toxicity
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported

NPL Status:	Final
Substance Id:	U210
Case Num:	79-34-5
Substance :	TETRACHLOROETHENE
Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported

NPL Status:	Final
Substance Id:	U211
Case Num:	56-23-5
Substance :	CARBON TETRACHLORIDE
Pathway :	GW
GW Scoring :	Observed Release & Toxicity
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

DC Scoring: Not reported
FE Scoring: Not reported

NPL Status: Final
Substance Id: U228
Case Num: 79-01-6
Substance : TRICHLOROETHYLENE (TCE), 1,1,2-
Pathway : GW
GW Scoring : Observed Release
SW Scoring : Not reported
Air Scoring: Not reported
Soil Scoring: Not reported
DC Scoring: Not reported
FE Scoring: Not reported

NPL Site:
CERCLIS Id: CAD980894893
Site City: Los Angeles
Site State: CA
NPL Status: Final
Status Date: 06/10/86
Federal Site: Not reported
HRS Score: 42.24
GW Score: 73.08
SW Score: 0.00
Air Score: 0.00
Soil Score: 0.00
DC Score: 0.00
FE Score: 0.00

NPL Char:
NPL Status: Final
Category Description: DEPTH TO AQUIFER
Category Value: 1

NPL Status: Final
Category Description: DISTANCE TO THE NEAREST POPULATION
Category Value: 10

NPL Status: Final
Category Description: OBSERVED RELEASE-Ground Water
Category Value: Not reported

NPL Status: Final
Category Description: OTHER GROUND WATER USE-Industrial Process Cooling
Category Value: Not reported

NPL Status: Final
Category Description: OTHER GROUND WATER USE-Irrigation
Category Value: Not reported

NPL Status: Final
Category Description: OTHER GROUND WATER USE-Stock Watering
Category Value: Not reported

NPL Status: Final
Category Description: PHYSICAL STATE-Liquid
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Ground Water Plume
Category Value: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SAN FERNANDO VALLEY (AREA 1) (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000709322

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Unknown
Category Value: Not reported

NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-Drain Ditch
Category Value: Not reported

NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-River
Category Value: Not reported

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)
Enforcement Docket System (DOCKET)

CAL-SITES:

Facility ID: 19990011
Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Date: 05/15/1996
Lead: EPA
Region: 3 - BURBANK
Branch: SA - SOUTHERN CA. - A
File Name: Not reported
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY Not reported
NPL: Listed
SIC: 99 NONCLASSIFIABLE ESTABLISHMENTS
Facility Type: NPL SITE, JOINT STATE/FEDERAL-FUNDED
Type Name: NPJF
Staff Member Responsible for Site: TYARGEAU
Supervisor Responsible for Site: SAMIREBR
Region Water Control Board: LA - LOS ANGELES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: 74.50
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
No. of Contamination Sources: 1
Lat/Long: 34° 11' 0.00" / 118° 20' 30.00"
Lat/long Method: TEALE ADDRESS MATCH
State Assembly District Code: 43
State Senate District: 21

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

AWP Facility ID: 19990011 Facility Type: NPJF

A3
North
< 1/8
32
Higher

ALTERNATOR SUPPLY & RESEARCH
6945 FARMDALE
NORTH HOLLYWOOD, CA 91605

Site 3 of 5 in cluster A

RCRIS-SQG 1000216998
FINDS CAD981445695

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ALTERNATOR SUPPLY & RESEARCH (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000216998

RCRIS:

Owner: PAUL ALEX
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(818) 982-2878

Record Date: 09/15/1986
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

A4
North
< 1/8
32
Higher

ANO-BRITE INC
6945 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

Site 4 of 5 in cluster A

HAZNET S100855006
N/A

HAZNET:

Gepaid: CAL000045741
Tepaid: HAH36005034
Gen County: Los Angeles
Tsd County: 0
Tons: 12.5100
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: ANO-BRITE INC
Telephone: (818) 982-0997
Mailing Address: 6945 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605 - 6211
County Los Angeles

Gepaid: CAL000045741
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 4.1700
Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Not reported
Contact: ANO-BRITE INC
Telephone: (818) 982-0997
Mailing Address: 6945 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605 - 6211
County Los Angeles

Gepaid: CAL000045741
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 14.5950
Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Treatment, Tank
Contact: ANO-BRITE INC
Telephone: (818) 982-0997

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ANO-BRITE INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100855006

Mailing Address: 6945 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605 - 6211
County Los Angeles
Gepaid: CAL000045741
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 18.1395
Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Treatment, Tank
Contact: ANO-BRITE INC
Telephone: (818) 982-0997
Mailing Address: 6945 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605 - 6211
County Los Angeles
Gepaid: CAL000045741
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 7.9230
Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Not reported
Contact: ANO-BRITE INC
Telephone: (818) 982-0997
Mailing Address: 6945 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605 - 6211
County Los Angeles

The CA HAZNET database contains 19 additional records for this site.
Please contact your EDR Account Executive for more information.

A5
South
< 1/8
83
Higher

SUPERIOR THREAD ROLLING CO, INC
6926 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
Site 5 of 5 in cluster A

RCRIS-SQG 1000215786
FINDS CAD008486870
HAZNET

RCRIS:
Owner: G DEHART & T MUNDY
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(213) 875-1200
Record Date: 09/01/1996
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: Violations exist
Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 11/05/1992
Priority of Violation: Low
Schedule Date to Achieve Compliance: Not reported
Actual Date Achieved Compliance: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SUPERIOR THREAD ROLLING CO, INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000215786

There are 1 violation record(s) reported at this site:

Evaluation
Compliance Evaluation Inspection (CEI)

Area of Violation
Generator-All Requirements

Date of
Compliance

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD008486870
Tepaid: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.0425
Category: Oil/water separation sludge
Disposal Method: Recycler
Contact: THOMAS M MUNDY
Telephone: (000) 000-0000
Mailing Address: 12801 WENTWORTH ST
ARLETA, CA 91331
County: Los Angeles

Gepaid: CAD008486870
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 2.0000
Category: Other inorganic solid waste
Disposal Method: Disposal, Other
Contact: THOMAS M MUNDY
Telephone: (000) 000-0000
Mailing Address: 12801 WENTWORTH ST
ARLETA, CA 91331
County: Los Angeles

Gepaid: CAD008486870
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 3.8989
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: THOMAS M MUNDY
Telephone: (000) 000-0000
Mailing Address: 12801 WENTWORTH ST
ARLETA, CA 91331
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SUPERIOR THREAD ROLLING CO, INC (Continued)

Database(s) EDR ID Number
EPA ID Number

1000215786

Gepaid: CAD008486870
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .8428
Category: Other inorganic solid waste
Disposal Method: Disposal, Other
Contact: THOMAS M MUNDY
Telephone: (000) 000-0000
Mailing Address: 12801 WENTWORTH ST
ARLETA, CA 91331
County Los Angeles
Gepaid: CAD008486870
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.9390
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: THOMAS M MUNDY
Telephone: (000) 000-0000
Mailing Address: 12801 WENTWORTH ST
ARLETA, CA 91331
County Los Angeles

The CA HAZNET database contains 9 additional records for this site.
Please contact your EDR Account Executive for more information.

B6
South
< 1/8
185
Higher

JET SETS
6910 FARMDALE AVE
N HOLLYWOOD, CA 91605

HAZNET S100937759
N/A

Site 1 of 3 in cluster B

HAZNET:

Gepaid: CAL000037747
Tepaid: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 2.3977
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: MICHAEL GAW
Telephone: (818) 764-5644
Mailing Address: 6910 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County Los Angeles
Gepaid: CAL000037747
Tepaid: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.6680
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: MICHAEL GAW
Telephone: (818) 764-5644
Mailing Address: 6910 FARMDALE AVE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JET SETS (Continued)

S100937759

County NORTH HOLLYWOOD, CA 91605
Los Angeles

Gepaid: CAL000037747
Tepaid: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.6680
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: MICHAEL GAW
Telephone: (818) 764-5644
Mailing Address: 6910 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

County Los Angeles

Gepaid: CAL000037747
Tepaid: CAT080031628
Gen County: Los Angeles
Tsd County: Kern
Tons: 1.2510
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: MICHAEL GAW
Telephone: (818) 764-5644
Mailing Address: 6910 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

County Los Angeles

Gepaid: CAL000037747
Tepaid: CAD028409019
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0625
Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: MICHAEL GAW
Telephone: (818) 764-5644
Mailing Address: 6910 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

County Los Angeles

The CA HAZNET database contains 3 additional records for this site.
Please contact your EDR Account Executive for more information.

B7
South
< 1/8
198
Higher

ARROYO AUTO CO
6909 FARMDALE AVE
NO HOLLYWOOD, CA 91605

Site 2 of 3 in cluster B

HAZNET S100930053
N/A

HAZNET:
Gepaid: CAL000039061
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2710
Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Contact: ARROYO RAFAEL

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ARROYO AUTO CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100930053

Telephone: (000) 000-0000
Mailing Address: 6909 FARMDALE AVENUE
NO HOLLYWOOD, CA 91605
County Los Angeles
Gepaid: CAL000039061
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2626
Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Contact: ARROYO RAFAEL
Telephone: (000) 000-0000
Mailing Address: 6909 FARMDALE AVENUE
NO HOLLYWOOD, CA 91605
County Los Angeles

B8
South
< 1/8
248
Higher

PROPER MANUFACTURING
6901 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

HAZNET S103669208
N/A

Site 3 of 3 in cluster B

HAZNET:
Gepaid: CAC001212488
Tepaid: CAD089446710
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Unspecified aqueous solution
Disposal Method: Transfer Station
Contact: PROPER MFG. CO.
Telephone: (000) 000-0000
Mailing Address: 6901 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County Los Angeles
Gepaid: CAC001212488
Tepaid: CAD089446710
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: PROPER MFG. CO.
Telephone: (000) 000-0000
Mailing Address: 6901 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County Los Angeles

C9
South
< 1/8
337
Higher

JANCUR GAUGE CO
6886 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

HAZNET S103669147
N/A

Site 1 of 3 in cluster C

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

JANCUR GAUGE CO (Continued)

EDR ID Number
EPA ID Number

S103669147

HAZNET:

Gepaid: CAL000011267
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0667
Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: MARK MIKOLYSKI
Telephone: (000) 000-0000
Mailing Address: 6886 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County Los Angeles
Gepaid: CAL000011267
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0667
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: MARK MIKOLYSKI
Telephone: (000) 000-0000
Mailing Address: 6886 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County Los Angeles
Gepaid: CAL000011267
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0834
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: MARK MIKOLYSKI
Telephone: (000) 000-0000
Mailing Address: 6886 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County Los Angeles
Gepaid: CAL000011267
Tepaid: CAT000613976
Gen County: Los Angeles
Tsd County: Orange
Tons: .0500
Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Transfer Station
Contact: MARK MIKOLYSKI
Telephone: (000) 000-0000
Mailing Address: 6886 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County Los Angeles

D10 SCENERY WEST
North 11461 HART ST
< 1/8 NORTH HOLLYWOOD, CA 91605
376
Higher Site 1 of 3 in cluster D

RCRIS-SQG 1000905110
FINDS CA0000333823

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SCENERY WEST (Continued)

Database(s) EDR ID Number
EPA ID Number

1000905110

RCRIS:

Owner: RON ANTONE
(818) 765-8661

Contact: RAY SWEDENBURG
(818) 765-8661

Record Date: 05/05/1994
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

D11
North
< 1/8
376
Higher

SCENERY WEST INC
11461 HART ST
NORTH HOLLYWOOD, CA 91605

HAZNET S103624051
N/A

Site 2 of 3 in cluster D

HAZNET:

Gepaid: CA0000333823
Tepaid: CAD982444481
Gen County: Los Angeles
Tsd County: San Bernardino
Tons: 1.1466
Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: RON ANTONE
Telephone: (818) 765-8661
Mailing Address: 11461 HART ST
NORTH HOLLYWOOD, CA 91605 - 6202
County: Los Angeles

Gepaid: CA0000333823
Tepaid: CAD982444481
Gen County: Los Angeles
Tsd County: San Bernardino
Tons: .2293
Category: Unspecified aqueous solution
Disposal Method: Transfer Station
Contact: RON ANTONE
Telephone: (818) 765-8661
Mailing Address: 11461 HART ST
NORTH HOLLYWOOD, CA 91605 - 6202
County: Los Angeles

Gepaid: CA0000333823
Tepaid: CAD982444481
Gen County: Los Angeles
Tsd County: San Bernardino
Tons: 1.3759
Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: RON ANTONE
Telephone: (818) 765-8661

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SCENERY WEST INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103624051

Mailing Address: 11461 HART ST
NORTH HOLLYWOOD, CA 91605 - 6202
County: Los Angeles
Gepaid: CA0000333823
Tepaid: CAD008364432
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2502
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: RON ANTONE
Telephone: (818) 765-8661
Mailing Address: 11461 HART ST
NORTH HOLLYWOOD, CA 91605 - 6202
County: Los Angeles
Gepaid: CA0000333823
Tepaid: WAD991281767
Gen County: Los Angeles
Tsd County: 99
Tons: .1251
Category: Off-specification, aged, or surplus organics
Disposal Method: Disposal, Land Fill
Contact: RON ANTONE
Telephone: (818) 765-8661
Mailing Address: 11461 HART ST
NORTH HOLLYWOOD, CA 91605 - 6202
County: Los Angeles

The CA HAZNET database contains 3 additional records for this site.
Please contact your EDR Account Executive for more information.

**D12
NNW
< 1/8
385
Higher**

**FOREIGN AUTO ELECTRIC
11468 HART
NORTH HOLLYWOOD, CA 91605**

**RCRIS-SQG 1000203006
FINDS CAD981445034**

Site 3 of 3 in cluster D

RCRIS:
Owner: FOREIGN AUTO ELECTRIC CORP
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(818) 765-2023
Record Date: 09/17/1986
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

C13
South
< 1/8
427
Higher

TURNBERRY PROPERTIES INC
6872 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

CA FID UST **S101584241**
N/A

Site 2 of 3 in cluster C

FID:

Facility ID:	19009830	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(818) 343-1064
Mail To:	Not reported		
	6872 FARMDALE AVE		
	NORTH HOLLYWOOD, CA 91605		
Contact:	Not reported	Contact Tel:	Not reported
DUNS No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

C14
South
< 1/8
452
Higher

CASA DE CHROME
6868 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

FINDS **1000142394**
RCRIS-LQG **CAD098602196**
HAZNET

Site 3 of 3 in cluster C

RCRIS:

Owner: MASARU USUI & THOMAS OYA
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(213) 764-4372

Record Date: 09/01/1996
Classification: Large Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD098602196
Tepaid: CAD050806850
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .7500
Category: Other inorganic solid waste
Disposal Method: Transfer Station
Contact: MASARU USUI & THOMAS OYA
Telephone: (000) 000-0000
Mailing Address: 6868 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CASA DE CHROME (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000142394

Gepaid: CAD098602196
Tepaid: CAT000646117
Gen County: Los Angeles
Tsd County: Kings
Tons: 16.8560
Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Contact: MASARU USUI & THOMAS OYA
Telephone: (000) 000-0000
Mailing Address: 6868 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

E15
South
< 1/8
482
Higher

PACIFIC MAGNETIC AND PENETRANT INC
6837 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

RCRIS-SQG
FINDS
HAZNET

1000886370
CA0000198093

Site 1 of 5 in cluster E

RCRIS:
Owner: ERIK B ANDERSEN
(818) 765-7266
Contact: ERIK B ANDERSEN
(818) 765-7266
Record Date: 12/12/1995
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CA0000198093
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: NIELS BRUUN-ANDERSEN
Telephone: (000) 000-0000
Mailing Address: 6837 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles
Gepaid: CA0000198093
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.8000
Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC MAGNETIC AND PENETRANT INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000886370

Disposal Method: Disposal, Other
Contact: NIELS BRUUN-ANDERSEN
Telephone: (000) 000-0000
Mailing Address: 6837 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles
Gepaid: CA0000198093
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0208
Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Contact: NIELS BRUUN-ANDERSEN
Telephone: (000) 000-0000
Mailing Address: 6837 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles
Gepaid: CA0000198093
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .4587
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: NIELS BRUUN-ANDERSEN
Telephone: (000) 000-0000
Mailing Address: 6837 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles
Gepaid: CA0000198093
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.2718
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: NIELS BRUUN-ANDERSEN
Telephone: (000) 000-0000
Mailing Address: 6837 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

The CA HAZNET database contains 4 additional records for this site.
Please contact your EDR Account Executive for more information.

E16
South
< 1/8
503
Higher
NOBUR CLEVELAND TWIST DRILL
6860 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
Site 2 of 5 in cluster E

RCRIS-SQG 1000426677
FINDS CAD009539776

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NOBUR CLEVELAND TWIST DRILL (Continued)

Database(s) EDR ID Number
EPA ID Number

1000426677

RCRIS:

Owner: ALLISON MFG CORP
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(213) 765-8375

Record Date: 09/01/1996
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

E17
South
< 1/8
503
Higher

NOBUR MFG CO
6860 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605

HAZNET S103669091
N/A

Site 3 of 5 in cluster E

HAZNET:

Gepaid: CAD009539776
Tepaid: CAT080011059
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 2.4602
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: ALLISON MFG CORP
Telephone: (818) 787-5589
Mailing Address: 13739 WYANDOTTE ST
VAN NUYS, CA 91405 - 6208
County Los Angeles

Gepaid: CAD009539776
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.3761
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: ALLISON MFG CORP
Telephone: (818) 787-5589
Mailing Address: 13739 WYANDOTTE ST
VAN NUYS, CA 91405 - 6208
County Los Angeles

Gepaid: CAD009539776
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.1467
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: ALLISON MFG CORP
Telephone: (818) 787-5589

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NOBUR MFG CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103669091

Mailing Address: 13739 WYANDOTTE ST
VAN NUYS, CA 91405 - 6208
County Los Angeles
Gepaid: CAD009539776
Tepaid: CAT080011059
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0834
Category: Waste oil and mixed oil
Disposal Method: Not reported
Contact: ALLISON MFG CORP
Telephone: (818) 787-5589
Mailing Address: 13739 WYANDOTTE ST
VAN NUYS, CA 91405 - 6208
County Los Angeles
Gepaid: CAD009539776
Tepaid: CAT080011059
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 2.5228
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: ALLISON MFG CORP
Telephone: (818) 787-5589
Mailing Address: 13739 WYANDOTTE ST
VAN NUYS, CA 91405 - 6208
County Los Angeles

The CA HAZNET database contains 9 additional records for this site.
Please contact your EDR Account Executive for more information.

F18
NW
< 1/8
534
Higher

FINOVA CAPITAL CORP
11501 HART ST
NORTH HOLLYWOOD, CA 91605
Site 1 of 4 in cluster F

HAZNET **S103624184**
N/A

HAZNET:
Gepaid: CAC000765168
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .4170
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: FINOVA CAPITOL CORP
Telephone: (212) 403-0733
Mailing Address: 111 W 40TH ST
NEW YORK, NY 10018
County Los Angeles

F19
NW
< 1/8
534
Higher

MICHAEL L PURO
11501 HART ST
NORTH HOLLYWOOD, CA 91605
Site 2 of 4 in cluster F

HAZNET **S103977418**
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MICHAEL L PURO (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103977418

HAZNET:

Gepaid: CAP601252832
Tepaid: CAD980675276
Gen County: 0
Tsd County: Kern
Tons: 45.5112
Category: Contaminated soil from site clean-ups
Disposal Method: Disposal, Land Fill
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 00000
County: 0

**E20
South
< 1/8
567
Higher**

**VALLEY METALS
6850 FARMDALE
NORTH HOLLYWOOD, CA 91605**

**HAZNET S102800632
N/A**

Site 4 of 5 in cluster E

HAZNET:

Gepaid: CAC000978152
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2500
Category: Other organic solids
Disposal Method: Transfer Station
Contact: ARNIE BERKOWITZ
Telephone: (000) 000-0000
Mailing Address: 6850 FARMDALE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

Gepaid: CAC000978152
Tepaid: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .5004
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: ARNIE BERKOWITZ
Telephone: (000) 000-0000
Mailing Address: 6850 FARMDALE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

Gepaid: CAC000978152
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .5000
Category: Other organic solids
Disposal Method: Transfer Station
Contact: ARNIE BERKOWITZ
Telephone: (000) 000-0000
Mailing Address: 6850 FARMDALE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
F21 NW < 1/8 574 Higher	BROTHERS PRINTING COMPANY INC 11500 HART STREET NORTH HOLLYWOOD, CA 91605 Site 3 of 4 in cluster F HAZNET: Gepaid: CAL000030434 Tepaid: CAT080011059 Gen County: Los Angeles Tsd County: Los Angeles Tons: .4586 Category: Off-specification, aged, or surplus organics Disposal Method: Recycler Contact: MARK RAYMER Telephone: (818) 503-9351 Mailing Address: 11500 HART ST NORTH HOLLYWOOD, CA 91605 County Los Angeles	HAZNET	S100623067 N/A
F22 NW < 1/8 574 Higher	FITZGERALD CONSTRUCTION 11500 HART ST NORTH HOLLYWOOD, CA 91605 Site 4 of 4 in cluster F HAZNET: Gepaid: CAC001411768 Tepaid: CAT080013352 Gen County: Los Angeles Tsd County: Los Angeles Tons: 3.9323 Category: Unspecified aqueous solution Disposal Method: Recycler Contact: JOE FITZGERALD Telephone: (818) 000-0000 Mailing Address: 11500 HART ST NORTH HOLLYWOOD, CA 91605 County Los Angeles	HAZNET	S103964497 N/A
E23 South < 1/8 580 Higher	R&B AIRCRAFT SUPPLY INC 6848 FARMDALE AVE NORTH HOLLYWOOD, CA 91605 Site 5 of 5 in cluster E RCRIS: Owner: R&B AIRCRAFT SUPPLY (415) 555-1212 Contact: ENVIRONMENTAL MANAGER (818) 764-3910 Record Date: 06/15/1988 Classification: Small Quantity Generator	RCRIS-SQG FINDS HAZNET	1000101524 CAD982474785

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

R&B AIRCRAFT SUPPLY INC (Continued)

1000101524

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD982474785

Tepaid: CAD008364432

Gen County: Los Angeles

Tsd County: Los Angeles

Tons: .2251

Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)

Disposal Method: Recycler

Contact: R & B AIRCRAFT SUPPLY INC

Telephone: (000) 000-0000

Mailing Address: PO BOX 3065

NORTH HOLLYWOOD, CA 91609

County: Los Angeles

**G24
WSW
1/8-1/4
665
Higher**

**VINTAGE RESTORATIONS LTD
6915 BECK AVE
NORTH HOLLYWOOD, CA 91605**

**RCRIS-SQG
FINDS**

**1000596607
CAD983605817**

Site 1 of 2 in cluster G

RCRIS:

Owner: LAINER TRUST
(818) 787-1400

Contact: PETER YATRON
(818) 982-3452

Record Date: 09/10/1991

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

**G25
WSW
1/8-1/4
665
Higher**

**CORKY PRODUCTION INC
6915 BECK AVENUE
NORTH HOLLYWOOD, CA 91605**

HAZNET

**S105087544
N/A**

Site 2 of 2 in cluster G

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

CORKY PRODUCTION INC (Continued)

S105087544

HAZNET:

Gepaid: CAC002297257
Tepaid: CAD050806850
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1500
Category: Other organic solids
Disposal Method: Transfer Station
Contact: CORKY PRODUCTION INC
Telephone: (818) 503-7638
Mailing Address: 17000 VENTURE BLVD
ENCINO, CA 91316
County: Los Angeles

Gepaid: CAC002297257
Tepaid: CAD050806850
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2085
Category: Latex waste
Disposal Method: Transfer Station
Contact: CORKY PRODUCTION INC
Telephone: (818) 503-7638
Mailing Address: 17000 VENTURE BLVD
ENCINO, CA 91316
County: Los Angeles

Gepaid: CAC002297257
Tepaid: CAD050806850
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1042
Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: CORKY PRODUCTION INC
Telephone: (818) 503-7638
Mailing Address: 17000 VENTURE BLVD
ENCINO, CA 91316
County: Los Angeles

H26
East
1/8-1/4
696
Higher

RICHARD L ROBERTS & SONS
6922 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605
Site 1 of 4 in cluster H

HAZNET S103984368
N/A

HAZNET:

Gepaid: CAL000180860
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .6880
Category: Liquids with pH <UN-> 2
Disposal Method: Recycler
Contact: RICHARD L ROBERTS & SONS
Telephone: (000) 000-0000
Mailing Address: 6922 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RICHARD L ROBERTS & SONS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103984368

Gepaid: CAL000180860
Tepaid: CAD050806850
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.417
Category: Off-specification, aged, or surplus organics
Disposal Method: Treatment, Tank
Contact: RICHARD L ROBERTS & SONS
Telephone: (000) 000-0000
Mailing Address: 6922 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

**H27
East
1/8-1/4
699
Higher**

**VENTURE CLOTHING INC
6934 TUJUNGA AVE
N HOLLYWOOD, CA 91605**

**RCRIS-SQG 1000595739
FINDS CAD983596933**

Site 2 of 4 in cluster H

RCRIS:

Owner: TIROL INVESTMENT CO C O EMMET DOUGLAS CO
(415) 555-1212

Contact: GERALD SANFORD
(818) 506-8778

Record Date: 09/10/1991
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

**H28
East
1/8-1/4
705
Higher**

**WALT DISNEY IMAGINEERING
6904 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605**

**RCRIS-SQG 1000857605
FINDS CAD983670449
HAZNET**

Site 3 of 4 in cluster H

RCRIS:

Owner: WALT DISNEY IMAGINEERING
(818) 544-4506

Contact: CHRIS DENNIS
(818) 544-4506

Record Date: 06/18/1993
Classification: Small Quantity Generator

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WALT DISNEY IMAGINEERING (Continued)

1000857605

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAL000033642

Tepaid: CAL000027741

Gen County: Los Angeles

Tsd County: 5

Tons: .8428

Category: Asbestos-containing waste

Disposal Method: Disposal, Land Fill

Contact: WALT DISNEY CO THE

Telephone: (000) 000-0000

Mailing Address: 1401 FLOWER STREET

GLENDALE, CA 91201

County: Los Angeles

Gepaid: CAL000033642

Tepaid: CAD008364432

Gen County: Los Angeles

Tsd County: Los Angeles

Tons: .4587

Category: Unspecified solvent mixture Waste

Disposal Method: Recycler

Contact: WALT DISNEY CO THE

Telephone: (000) 000-0000

Mailing Address: 1401 FLOWER STREET

GLENDALE, CA 91201

County: Los Angeles

**H29
East
1/8-1/4
705
Higher**

**WALT DISNEY COMPANY DBA IMAGINEERING
6904 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605**

**HAZNET S104575080
N/A**

Site 4 of 4 in cluster H

HAZNET:

Gepaid: CAD983670449

Tepaid: CAD028409019

Gen County: Los Angeles

Tsd County: Los Angeles

Tons: .2293

Category: Unspecified solvent mixture Waste

Disposal Method: Transfer Station

Contact: WALT DISNEY IMAGINEERING

Telephone: (818) 544-5795

Mailing Address: 500 S BUENA VISTA ST

BURBANK, CA 91521 - 8073

County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WALT DISNEY COMPANY DBA IMAGINEERING (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104575080

Gepaid: CAD983670449
Tepaid: UTD981552177
Gen County: Los Angeles
Tsd County: 99
Tons: .0208
Category:
Disposal Method: Treatment, Incineration
Contact: WALT DISNEY IMAGINEERING
Telephone: (818) 544-5795
Mailing Address: 500 S BUENA VISTA ST
BURBANK, CA 91521 - 8073
County Los Angeles
Gepaid: CAD983670449
Tepaid: UTD981552177
Gen County: Los Angeles
Tsd County: 99
Tons: .6645
Category: Laboratory waste chemicals
Disposal Method: Treatment, Incineration
Contact: WALT DISNEY IMAGINEERING
Telephone: (818) 544-5795
Mailing Address: 500 S BUENA VISTA ST
BURBANK, CA 91521 - 8073
County Los Angeles
Gepaid: CAD983670449
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.4595
Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Contact: WALT DISNEY IMAGINEERING
Telephone: (818) 544-5795
Mailing Address: 500 S BUENA VISTA ST
BURBANK, CA 91521 - 8073
County Los Angeles
Gepaid: CAD983670449
Tepaid: CAD059494310
Gen County: Los Angeles
Tsd County: Santa Clara
Tons: .8428
Category: Other organic solids
Disposal Method: Transfer Station
Contact: WALT DISNEY IMAGINEERING
Telephone: (818) 544-5795
Mailing Address: 500 S BUENA VISTA ST
BURBANK, CA 91521 - 8073
County Los Angeles

The CA HAZNET database contains 62 additional records for this site.
Please contact your EDR Account Executive for more information.

130
South
1/8-1/4
707
Higher
PACIFIC STEEL TREATING
6829 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
Site 1 of 2 in cluster I

HIST UST 1000249935
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC STEEL TREATING (Continued)

Database(s)
EDR ID Number
EPA ID Number

1000249935

UST HIST:

Facility ID:	55923	Container Num:	1
Tank Num:	1	Year Installed:	1979
Tank Capacity:	2000		
Tank Used for:	PRODUCT	Tank Construction:	Not reported
Type of Fuel:	REGULAR		
Leak Detection:	None	Telephone:	(213) 875-3525
Contact Name:	L.C.FRUCHEY	Region:	STATE
Total Tanks:	4	Other Type:	HEAT TREATING
Facility Type:	2		
Facility ID:	55923	Container Num:	2
Tank Num:	2	Year Installed:	1972
Tank Capacity:	1000		
Tank Used for:	PRODUCT	Tank Construction:	Not reported
Type of Fuel:	UNLEADED		
Leak Detection:	None	Telephone:	(213) 875-3525
Contact Name:	L.C.FRUCHEY	Region:	STATE
Total Tanks:	4	Other Type:	HEAT TREATING
Facility Type:	2		
Facility ID:	55923	Container Num:	3
Tank Num:	3	Year Installed:	Not reported
Tank Capacity:	500		
Tank Used for:	WASTE	Tank Construction:	6 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 875-3525
Contact Name:	L.C.FRUCHEY	Region:	STATE
Total Tanks:	4	Other Type:	HEAT TREATING
Facility Type:	2		
Facility ID:	55923	Container Num:	4
Tank Num:	4	Year Installed:	Not reported
Tank Capacity:	750		
Tank Used for:	WASTE	Tank Construction:	6 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 875-3525
Contact Name:	L.C.FRUCHEY	Region:	STATE
Total Tanks:	4	Other Type:	HEAT TREATING
Facility Type:	2		

I31
South
1/8-1/4
707
Higher
PACIFIC STEEL TREATING CO INC
6829 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
Site 2 of 2 in cluster I

FINDS
RCRIS-LQG
CA FID UST
HAZNET
1000249963
CAD044058865

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC STEEL TREATING CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000249963

RCRIS:

Owner: NIELS BRUUN ANDERSEN
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(213) 875-3525

Record Date: 09/01/1996
Classification: Large Quantity Generator
Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	10/15/1992
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	Not reported

There are 1 violation record(s) reported at this site:

Evaluation
Compliance Evaluation Inspection (CEI)

Area of Violation
Generator-All Requirements

Date of
Compliance

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Enforcement Docket System (DOCKET)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

HAZNET:

Gepaid: CAD044058865
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.9000
Category: Other inorganic solid waste
Disposal Method: Treatment, Incineration
Contact: NIELS BRUUN ANDERSEN
Telephone: (000) 000-0000
Mailing Address: 6829 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

Gepaid: CAD044058865
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2085
Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Contact: NIELS BRUUN ANDERSEN
Telephone: (000) 000-0000
Mailing Address: 6829 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC STEEL TREATING CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000249963

Gepaid: CAD044058865
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2085
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: NIELS BRUUN ANDERSEN
Telephone: (000) 000-0000
Mailing Address: 6829 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles
Gepaid: CAD044058865
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0625
Category:
Disposal Method: Treatment, Tank
Contact: NIELS BRUUN ANDERSEN
Telephone: (000) 000-0000
Mailing Address: 6829 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles
Gepaid: CAD044058865
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Liquids with pH <UN> 2 with metals
Disposal Method: Treatment, Tank
Contact: NIELS BRUUN ANDERSEN
Telephone: (000) 000-0000
Mailing Address: 6829 FARMDALE AVE
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

The CA HAZNET database contains 30 additional records for this site.
Please contact your EDR Account Executive for more information.

FID:

Facility ID:	19029202	Regulate ID:	00055923
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(213) 875-3525
Mail To:	Not reported		
	6829 FARMDALE AVE		
	NORTH HOLLYWOOD, CA 91605		
Contact:	Not reported	Contact Tel:	Not reported
DUNS No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J32 **LAIDLAW TRANSIT INC**
ENE **6950 TUJUNGA AVE**
1/8-1/4 **N HOLLYWOOD, CA 91605**
713
Higher **Site 1 of 2 in cluster J**

HAZNET **S103974137**
Cortese **N/A**

HAZNET:

Gepaid: CAD981677453
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 3.0724
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: LAIDLAW INC
Telephone: (905) 336-1800
Mailing Address: 201 N CIVIC DR STE 150
WALNUT CREEK, CA 94596

County Los Angeles

Gepaid: CAD981677453
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .5753
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: LAIDLAW INC
Telephone: (905) 336-1800
Mailing Address: 201 N CIVIC DR STE 150
WALNUT CREEK, CA 94596

County Los Angeles

Gepaid: CAD981677453
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1876
Category: Organic liquids with metals Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Disposal Method: Transfer Station
Contact: LAIDLAW INC
Telephone: (905) 336-1800
Mailing Address: 201 N CIVIC DR STE 150
WALNUT CREEK, CA 94596

County Los Angeles

Gepaid: CAD981677453
Tepaid: CAD093459485
Gen County: Los Angeles
Tsd County: Fresno
Tons: .1251
Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: LAIDLAW INC
Telephone: (905) 336-1800
Mailing Address: 201 N CIVIC DR STE 150
WALNUT CREEK, CA 94596

County Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAIDLAW TRANSIT INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103974137

Gepaid: CAD981677453
Tepaid: CAD093459485
Gen County: Los Angeles
Tsd County: Fresno
Tons: .5461
Category: Organic liquids with metals Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method: Transfer Station
Contact: LAIDLAW INC
Telephone: (905) 336-1800
Mailing Address: 201 N CIVIC DR STE 150
WALNUT CREEK, CA 94596
County: Los Angeles

The CA HAZNET database contains 9 additional records for this site.
Please contact your EDR Account Executive for more information.

CORTESE:

Reg Id: 916057016
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

**J33
ENE
1/8-1/4
713
Higher**

**LAIDLAW TRANSIT
6950 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605**

Site 2 of 2 in cluster J

**RCRIS-SQG 1000189932
FINDS CAD981677453
UST
CA FID UST
LUST**

RCRIS:

Owner: LAIDLAW TRANSIT
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(818) 763-3853
Record Date: 10/06/1986
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 916057016
Reg Board: Los Angeles Region
Chemical: Diesel
Lead Agency: Regional Board
Local Agency: 19050
Case Type: Soil only
Status: No leak action taken by responsible party after initial report of leak
County: Los Angeles
Review Date: Not reported
Confirm Leak: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAILAW TRANSIT (Continued)

1000189932

Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 12/10/1999
Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : / /
Funding: Not reported
Staff Initials: UNK
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : -118.3788912 / 34.19679
Leak Cause: Not reported
Leak Source: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : TAS
MTBE Date : 01/01/1965
MTBE Tested : YES
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : .05
Soil Qualifies : <
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : UST
Priority : Not reported
Review Date : 02/14/2000
Stop Date : Not reported
Office : Not reported
Work Suspended : Not reported
Responsible Party: LAIDLAW TRANSIT
RP Address: 6950 TUJUNGA AVE., NORTH HOLLYWOOD, CA 91605
Global Id: T0603702591
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 0
Water System Name: LOS ANGELES DEPARTMENT OF WATER AND POWER
Well Name: NORTH HOLLYWOOD WELL 14-A - INACTIVE
Distance To Lust: 1038.0877391159445368217627629
Waste Discharge Global ID: W0603710067
Waste Disch Assigned Name: 01N/14W-06Q03 S
Mtbe Class: Not reported
Summary: SOIL ONLY, NO H2O DATA

LUST Region 4:

Report Date: 12/10/1999
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 916057016
Substance: Diesel
Case Type: Soil
Status: Leak being confirmed

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAIDLAW TRANSIT (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000189932

Region: 4
Staff: TAS

FID:

Facility ID: 19023963 Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: (213) 000-0000
Mail To: Not reported
6950 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

State UST:

Facility ID: 24551
Total Tanks: 1
Region: STATE
Current Status: Unknown

**34
ESE
1/8-1/4
718
Higher**

**MCDONALD KENNETH DESIGNS
6905 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605**

**RCRIS-SQG 1000338424
FINDS CAT080012636**

RCRIS:

Owner: KENDAR HANDPRINTS INC
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(213) 761-4047
Record Date: 09/01/1996
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

**K35
ESE
1/8-1/4
817
Higher**

**ALMORE DYE HOUSE INC
6850 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605**

**CLEANERS S103949582
HAZNET N/A**

Site 1 of 2 in cluster K

CA Cleaners:

Create Date: 08/29/1991
Inactive Date: 0
EPA Id: CAL912415578
County : Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ALMORE DYE HOUSE INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103949582

HAZNET:

Gepaid: CAL912415578
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0667
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: ALMORE REAL STATE PARTNERSHIP
Telephone: (818) 506-5444
Mailing Address: 6850 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605 - 6324
County Los Angeles

Gepaid: CAL912415578
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.2167
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: ALMORE REAL STATE PARTNERSHIP
Telephone: (818) 506-5444
Mailing Address: 6850 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605 - 6324
County Los Angeles

Gepaid: CAL912415578
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .5004
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: ALMORE REAL STATE PARTNERSHIP
Telephone: (818) 506-5444
Mailing Address: 6850 TUJUNGA AVE
NORTH HOLLYWOOD, CA 91605 - 6324
County Los Angeles

K36 ALMORE DYE HOUSE, INC.
ESE 6850 TUJUNGA AVE
1/8-1/4 NORTH HOLLYWOOD, CA 91605
817
Higher Site 2 of 2 in cluster K

CA FID UST 1000903254
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ALMORE DYE HOUSE, INC. (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000903254

FID:

Facility ID:	19014483	Regulate ID:	Not reported
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(818) 506-5444
Mail To:	Not reported		
	6850 TUJUNGA AVE		
	NORTH HOLLYWOOD, CA 91605		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

L37
SW
1/8-1/4
823
Higher

GENERAL WAX CO INC
6858 BECK AVE
NORTH HOLLYWOOD, CA 91605

UST U003780959
N/A

Site 1 of 5 in cluster L

State UST:

Facility ID: 24549
Total Tanks: 1
Region: STATE
Current Status: Unknown

L38
SW
1/8-1/4
823
Higher

GENERAL WAX
6858 BECK AVE
NORTH HOLLYWOOD, CA 91605

LUST S104406395
HAZNET N/A
Cortese

Site 2 of 5 in cluster L

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	916056998		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Local Agency :	19050		
Case Type:	Soil only		
Status:	No leak action taken by responsible party after initial report of leak		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	12/10/1999		
Cleanup Fund Id :	Not reported		
Discover Date :	/ /		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	/ /		
Funding:	Not reported		
Staff Initials:	UNK		
How Discovered:	Not reported		
How Stopped:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

GENERAL WAX (Continued)

S104406395

Interim : Not reported
Lat/Lon : -118.3832533 / 34.19497
Leak Cause: Not reported
Leak Source: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : TAS
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : UST
Priority : Not reported
Review Date : 01/28/2000
Stop Date : Not reported
Office : Not reported
Work Suspended : Not reported
Responsible Party: GERRALD WAX
RP Address: Not reported
Global Id: T0603702590
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 128.90355176651174421593246905
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Mtbe Class: Not reported
Summary: SOIL ONLY, NO H2O DATA

LUST Region 4:

Report Date: 12/10/1999
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 916056998
Substance: Gasoline
Case Type: Soil
Status: Leak being confirmed
Region: 4
Staff: TAS

HAZNET:

Gepaid: CAL000072920
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.0834
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: JC EDMOND
Telephone: (818) 765-5800
Mailing Address: PO BOX 9398

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL WAX (Continued)

S104406395

County NORTH HOLLYWOOD, CA 91609 - 1398
County Los Angeles
Gepaid: CAL000072920
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2376
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: JC EDMOND
Telephone: (818) 765-5800
Mailing Address: PO BOX 9398
NORTH HOLLYWOOD, CA 91609 - 1398
County Los Angeles

CORTESE:

Reg Id: 916056998
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

**L39
SW
1/8-1/4
823
Higher**

**GENERAL WAX CO INC
6858 BECK AVE
NORTH HOLLYWOOD, CA 91609**

**CA FID UST S101584002
N/A**

Site 3 of 5 in cluster L

FID:

Facility ID:	19007831	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(818) 875-2121
Mail To:	Not reported		
	6858 BECK AVE		
	NORTH HOLLYWOOD, CA 91609		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

**L40
SW
1/8-1/4
864
Higher**

**GALE & THOMPSON
6849 BECK AVE
NORTH HOLLYWOOD, CA 91605**

**CA FID UST S101618703
N/A**

Site 4 of 5 in cluster L

**L41
SW
1/8-1/4
864
Higher**

**GALE & THOMPSON
6849 BECK AVE
NORTH HOLLYWOOD, CA 91605**

**HIST UST U001568554
N/A**

Site 5 of 5 in cluster L

UST HIST:

Facility ID:	55843		
Tank Num:	1	Container Num:	A
Tank Capacity:	50	Year Installed:	1967
Tank Used for:	PRODUCT		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GALE & THOMPSON (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001568554

Type of Fuel: Not Reported
Leak Detection: None
Contact Name: LAUREN E. GALE
Total Tanks: 5
Facility Type: 2

Tank Construction: 5 inches

Telephone: (818) 765-5318
Region: STATE
Other Type: MACHINE SHOP

Facility ID: 55843
Tank Num: 2
Tank Capacity: 350
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: None
Contact Name: LAUREN E. GALE
Total Tanks: 5
Facility Type: 2

Container Num: B
Year Installed: 1967

Tank Construction: 5 inches

Telephone: (818) 765-5318
Region: STATE
Other Type: MACHINE SHOP

Facility ID: 55843
Tank Num: 3
Tank Capacity: 350
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: None
Contact Name: LAUREN E. GALE
Total Tanks: 5
Facility Type: 2

Container Num: C
Year Installed: 1967

Tank Construction: 5 inches

Telephone: (818) 765-5318
Region: STATE
Other Type: MACHINE SHOP

Facility ID: 55843
Tank Num: 4
Tank Capacity: 50
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: None
Contact Name: LAUREN E. GALE
Total Tanks: 5
Facility Type: 2

Container Num: D
Year Installed: 1967

Tank Construction: 5 inches

Telephone: (818) 765-5318
Region: STATE
Other Type: MACHINE SHOP

Facility ID: 55843
Tank Num: 5
Tank Capacity: 25
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: None
Contact Name: LAUREN E. GALE
Total Tanks: 5
Facility Type: 2

Container Num: E
Year Installed: 1967

Tank Construction: 5 inches

Telephone: (818) 765-5318
Region: STATE
Other Type: MACHINE SHOP

M42
SSW
1/8-1/4
871
Higher

PACIFIC METAL STAMPINGS INC
11489 VANOWEN ST
NORTH HOLLYWOOD, CA 91605

Site 1 of 3 in cluster M

RCRIS-SQG 1000249962
FINDS CAD043091032
CA FID UST
HIST UST
HAZNET

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC METAL STAMPINGS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000249962

RCRIS:

Owner: N B ANDERSON TRUST
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(818) 983-0980

Record Date: 09/26/1986
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD043091032
Tepaid: CAD008364432
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2251
Category: Unspecified solvent mixture Waste
Disposal Method: Treatment, Tank
Contact: ALLEN GLASENAPP
Telephone: (818) 764-0494
Mailing Address: 11490 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6221
County: Los Angeles

Gepaid: CAD043091032
Tepaid: CAD008364432
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1042
Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Contact: ALLEN GLASENAPP
Telephone: (818) 764-0494
Mailing Address: 11490 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6221
County: Los Angeles

Gepaid: CAD043091032
Tepaid: CAD008364432
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3919
Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Contact: ALLEN GLASENAPP
Telephone: (818) 764-0494
Mailing Address: 11490 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6221
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC METAL STAMPINGS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000249962

Gepaid: CAD043091032
Tepaid: CAD008364432
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .4503
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: ALLEN GLASENAPP
Telephone: (818) 764-0494
Mailing Address: 11490 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6221
County: Los Angeles

Gepaid: CAD043091032
Tepaid: CAD008364432
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0083
Category: Unspecified alkaline solution
Disposal Method: Disposal, Other
Contact: ALLEN GLASENAPP
Telephone: (818) 764-0494
Mailing Address: 11490 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6221
County: Los Angeles

The CA HAZNET database contains 5 additional records for this site.
Please contact your EDR Account Executive for more information.

FID:

Facility ID:	19000145	Regulate ID:	00046863
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(213) 875-0807
Mail To:	Not reported		
	11489 VANOWEN ST		
	NORTH HOLLYWOOD, CA 91605		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	46863		
Tank Num:	1	Container Num:	1
Tank Capacity:	0	Year Installed:	Not reported
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	None		
Contact Name:	ALLEN GLASENAPP	Telephone:	(213) 875-0807
Total Tanks:	1	Region:	STATE
Facility Type:	2	Other Type:	METAL STAMPINGS

N43
South
1/8-1/4
889
Higher

PYMALT CORP - ATI DIVISION
11471 VAN OWEN
NORTH HOLLYWOOD, CA 91605
Site 1 of 3 in cluster N

HAZNET S103624065
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PYMALT CORP - ATI DIVISION (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103624065

HAZNET:

Gepaid: CAD088382734
Tepaid: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 5.6086
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: MARCELLA HANAFIN
Telephone: (908) 788-4101
Mailing Address: 500 US HWY 202
FLEMINGTON, NJ 08822 - 6031
County: Los Angeles

Gepaid: CAD088382734
Tepaid: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 2.9190
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Contact: MARCELLA HANAFIN
Telephone: (908) 788-4101
Mailing Address: 500 US HWY 202
FLEMINGTON, NJ 08822 - 6031
County: Los Angeles

Gepaid: CAD088382734
Tepaid: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 6.4217
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: MARCELLA HANAFIN
Telephone: (908) 788-4101
Mailing Address: 500 US HWY 202
FLEMINGTON, NJ 08822 - 6031
County: Los Angeles

Gepaid: CAD088382734
Tepaid: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 4.8162
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: MARCELLA HANAFIN
Telephone: (908) 788-4101
Mailing Address: 500 US HWY 202
FLEMINGTON, NJ 08822 - 6031
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PYMALT CORP - ATI DIVISION (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103624065

Gepaid: CAD088382734
Tepaid: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 5.5877
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: MARCELLA HANAFIN
Telephone: (908) 788-4101
Mailing Address: 500 US HWY 202
FLEMINGTON, NJ 08822 - 6031
County: Los Angeles

The CA HAZNET database contains 4 additional records for this site.
Please contact your EDR Account Executive for more information.

N44
South
1/8-1/4
889
Higher

ERMON HI PERFORMANCE EXPERTS
11470 VANOWEN
NORTH HOLLYWOOD, CA 91605

HAZNET **S102810951**
N/A

Site 2 of 3 in cluster N

HAZNET:
Gepaid: CAL000027125
Tepaid: CAD981696420
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .4170
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: MATHASON ERMOAN OWR
Telephone: (000) 000-0000
Mailing Address: 11470 VANOWEN
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

N45
South
1/8-1/4
889
Higher

LOU NATHANSON
11470 VANOWEN ST
NORTH HOLLYWOOD, CA 91606

CA FID UST **S101585718**
N/A

Site 3 of 3 in cluster N

FID:
Facility ID: 19027894 Regulate ID: Not reported
Reg By: Inactive Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (213) 000-0000
Mail To: Not reported
11470 VANOWEN ST
NORTH HOLLYWOOD, CA 91606
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
M46 South 1/8-1/4 892 Higher	AUTO SPORT ENGINES 11477 VANOWEN ST NORTH HOLLYWOOD, CA 91605 Site 2 of 3 in cluster M RCRIS: Owner: THOMAS KLOTZLE (818) 765-3111 Contact: TOM KLOTZLE (818) 765-3111 Record Date: 12/10/1992 Classification: Small Quantity Generator Used Oil Recyc: No Violation Status: No violations found FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)	RCRIS-SQG FINDS	1000596483 CAD983604554
O47 SSE 1/8-1/4 897 Higher	PHOTO CHEM ETCH CORPORATION 11423 VANOWEN ST-UNIT 1 N HOLLYWOOD, CA 91605 Site 1 of 4 in cluster O HAZNET: Gepaid: CAD070653068 Tepaid: CAD008488025 Gen County: Los Angeles Tsd County: Los Angeles Tons: 5.1082 Category: Liquids with pH <UN-> 2 with metals Disposal Method: Recycler Contact: SHREE SHRIVASTAVA Telephone: (000) 000-0000 Mailing Address: 11423 VANOWEN ST-UNIT 1 N HOLLYWOOD, CA 91605 County: Los Angeles	HAZNET	S100942372 N/A
O48 South 1/8-1/4 901 Higher	FLEETWOOD MACHINE PRODUCTS INC 11447 VANOWEN ST NORTH HOLLYWOOD, CA 91605 Site 2 of 4 in cluster O	RCRIS-SQG FINDS HAZNET	1000596517 CAD983604901

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FLEETWOOD MACHINE PRODUCTS INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000596517

RCRIS:

Owner: WILLIAM COOKE
(819) 983-1077

Contact: CURT STEWART
(818) 983-1077

Record Date: 09/04/1991
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Enforcement Docket System (DOCKET)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD983604901
Tepaid: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.1467
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: WILLIAM COOKE
Telephone: (602) 273-1512
Mailing Address: 2949 E WASHINGTON ST
PHOENIX, AZ 85034
County: Los Angeles

O49
South
1/8-1/4
901
Higher

**1X PEATWOOD MACHINERY
11447 VAN OWEN STREET
NORTH HOLLYWOOD, CA 91605**

**HAZNET S103624002
N/A**

Site 3 of 4 in cluster O

HAZNET:

Gepaid: CAC000222929
Tepaid: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 2.7105
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: RALPH FELIX
Telephone: (000) 000-0000
Mailing Address: 11447 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6219
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

1X PEATWOOD MACHINERY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103624002

Gepaid: CAC000222929
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.1000
Category: Other organic solids
Disposal Method: Transfer Station
Contact: RALPH FELIX
Telephone: (000) 000-0000
Mailing Address: 11447 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6219
County: Los Angeles

Gepaid: CAC000222929
Tepaid: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 2.9190
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: RALPH FELIX
Telephone: (000) 000-0000
Mailing Address: 11447 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6219
County: Los Angeles

Gepaid: CAC000222929
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 2.5020
Category: Oil/water separation sludge
Disposal Method: Recycler
Contact: RALPH FELIX
Telephone: (000) 000-0000
Mailing Address: 11447 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6219
County: Los Angeles

Gepaid: CAC000222929
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 2.0850
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: RALPH FELIX
Telephone: (000) 000-0000
Mailing Address: 11447 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6219
County: Los Angeles

O50
SSE
1/8-1/4
907
Higher

AAA METAL POLISHING
UNIT 29 11423 VANOWEN ST
N HOLLYWOOD, CA 91605
Site 4 of 4 in cluster O

HAZNET S102806368
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AAA METAL POLISHING (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102806368

HAZNET:

Gepaid: CAD055082523
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .7000
Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Disposal Method: Transfer Station
Contact: HENRI KEMP OWNER
Telephone: (000) 765-1710
Mailing Address: 11477 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6221
County: Los Angeles

Gepaid: CAD055082523
Tepaid: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 2.2935
Category: Aqueous solution with metals (restricted levels and Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc))

Disposal Method: Transfer Station
Contact: HENRI KEMP OWNER
Telephone: (000) 765-1710
Mailing Address: 11477 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6221
County: Los Angeles

Gepaid: CAD055082523
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.8348
Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Recycler
Contact: HENRI KEMP OWNER
Telephone: (000) 765-1710
Mailing Address: 11477 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6221
County: Los Angeles

Gepaid: CAD055082523
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.1467
Category:
Disposal Method: Recycler
Contact: HENRI KEMP OWNER
Telephone: (000) 765-1710
Mailing Address: 11477 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6221
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AAA METAL POLISHING (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102806368

Gepaid: CAD055082523
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.3761
Category: Liquids with cyanides > 1000 mg/l
Disposal Method: Recycler
Contact: HENRI KEMP OWNER
Telephone: (000) 765-1710
Mailing Address: 11477 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6221
County: Los Angeles

The CA HAZNET database contains 10 additional records for this site.
Please contact your EDR Account Executive for more information.

**P51
SSE
1/8-1/4
934
Higher**

**MERCURY CIRCUITS INC
11423 VANOWEN ST-UNIT 1
NORTH HOLLYWOOD, CA 91605**

**RCRIS-SQG 1000182218
FINDS CAD070653068**

Site 1 of 7 in cluster P

RCRIS:

Owner: DAVIS COHEN INVESTMENT
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(818) 765-5266

Record Date: 08/18/1980
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

**Q52
WNW
1/8-1/4
935
Higher**

**SYMONS BROTHERS
11551 HART
HOLLYWOOD, CA 91605**

**HAZNET S105092444
N/A**

Site 1 of 2 in cluster Q

HAZNET:

Gepaid: CAL000209615
Tepaid: CAD028409019
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Other organic solids
Disposal Method: Transfer Station
Contact: XTEK MINING SERVICES
Telephone: (480) 968-6141
Mailing Address: PMB 152 31805 HWY 79 SO
TEMECULA, CA 92592
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SYMONS BROTHERS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105092444

Gepaid: CAL000209615
Tepaid: CAD982444481
Gen County: Los Angeles
Tsd County: San Bernardino
Tons: 4.3576
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: XTEK MINING SERVICES
Telephone: (480) 968-6141
Mailing Address: PMB 152 31805 HWY 79 SO
TEMECULA, CA 92592
County Los Angeles

Gepaid: CAL000209615
Tepaid: CAD982444481
Gen County: Los Angeles
Tsd County: San Bernardino
Tons: .2293
Category: Latex waste
Disposal Method: Recycler
Contact: XTEK MINING SERVICES
Telephone: (480) 968-6141
Mailing Address: PMB 152 31805 HWY 79 SO
TEMECULA, CA 92592
County Los Angeles

Gepaid: CAL000209615
Tepaid: CAD982444481
Gen County: Los Angeles
Tsd County: San Bernardino
Tons: 1.8500
Category: Other organic solids
Disposal Method: Recycler
Contact: XTEK MINING SERVICES
Telephone: (480) 968-6141
Mailing Address: PMB 152 31805 HWY 79 SO
TEMECULA, CA 92592
County Los Angeles

Gepaid: CAL000209615
Tepaid: CAT080022148
Gen County: Los Angeles
Tsd County: San Bernardino
Tons: .6000
Category: Off-specification, aged, or surplus organics
Disposal Method: Transfer Station
Contact: XTEK MINING SERVICES
Telephone: (480) 968-6141
Mailing Address: PMB 152 31805 HWY 79 SO
TEMECULA, CA 92592
County Los Angeles

Q53 KARSEAL CORP
WNW 11552 HART ST
1/8-1/4 NORTH HOLLYWOOD, CA 91605
946
Higher Site 2 of 2 in cluster Q

RCRIS-SQG 1000379265
FINDS CAD982041576
CA FID UST
HIST UST
HAZNET

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KARSEAL CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000379265

RCRIS:

Owner: CORP
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(213) 877-0168

Record Date: 09/01/1996
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD982041576
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.0834
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler

Contact: CHRIS WILKEY
Telephone: (000) 000-0000
Mailing Address: 11552 HART ST
NORTH HOLLYWOOD, CA 91605 - 6228
County: Los Angeles

Gepaid: CAD982041576
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.417
Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Recycler

Contact: CHRIS WILKEY
Telephone: (000) 000-0000
Mailing Address: 11552 HART ST
NORTH HOLLYWOOD, CA 91605 - 6228
County: Los Angeles

Gepaid: CAD982041576
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.005

Category: Unspecified organic liquid mixture
Disposal Method: Recycler

Contact: CHRIS WILKEY
Telephone: (000) 000-0000
Mailing Address: 11552 HART ST
NORTH HOLLYWOOD, CA 91605 - 6228
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KARSEAL CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000379265

Gepaid: CAD982041576
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.5629
Category: Liquids with pH <UN-> 2
Disposal Method: Recycler
Contact: CHRIS WILKEY
Telephone: (000) 000-0000
Mailing Address: 11552 HART ST
NORTH HOLLYWOOD, CA 91605 - 6228
County: Los Angeles
Gepaid: CAD982041576
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 3.336
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: CHRIS WILKEY
Telephone: (000) 000-0000
Mailing Address: 11552 HART ST
NORTH HOLLYWOOD, CA 91605 - 6228
County: Los Angeles

The CA HAZNET database contains 13 additional records for this site.
Please contact your EDR Account Executive for more information.

FID:

Facility ID:	19031442	Regulate ID:	00055842
Reg By:	Inactive Underground Storage Tank Location	SIC Code:	Not reported
Cortese Code:	Not reported	Facility Tel:	(213) 877-0168
Status:	Inactive		
Mail To:	Not reported		
	11552 HART ST		
	NORTH HOLLYWOOD, CA 91605		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	55842	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	0		
Tank Used for:	PRODUCT	Tank Construction:	Not reported
Type of Fuel:	Not Reported		
Leak Detection:	Stock Inventor	Telephone:	(213) 877-0168
Contact Name:	C.L. PAYNE	Region:	STATE
Total Tanks:	3	Other Type:	SOLVENT
Facility Type:	2		
Facility ID:	55842	Container Num:	2
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	5000		
Tank Used for:	PRODUCT		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KARSEAL CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000379265

Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	C.L. PAYNE	Telephone:	(213) 877-0168
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	SOLVENT
Facility ID:	55842		
Tank Num:	3	Container Num:	2
Tank Capacity:	5000	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	C.L. PAYNE	Telephone:	(213) 877-0168
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	SOLVENT

M54
SSW
1/8-1/4
949
Higher

SEMCO INSTRUMENTS INC
11505 VANOWEN ST
NORTH HOLLYWOOD, CA 91605

RCRIS-SQG 1000176830
FINDS CAD981579816
HAZNET

Site 3 of 3 in cluster M

RCRIS:

Owner: SEMCO INSTRUMENTS
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(818) 982-1400

Record Date: 09/01/1996
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD981579816
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 11505 VANOWEN ST
N HOLLYWOOD, CA 91605
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SEMCO INSTRUMENTS INC (Continued)

Database(s)
EDR ID Number
EPA ID Number

1000176830

Gepaid: CAD981579816
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 11505 VANOWEN ST
N HOLLYWOOD, CA 91605
County: Los Angeles

Gepaid: CAD981579816
Tepaid: CAD097030993
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Unspecified aqueous solution
Disposal Method: Treatment, Tank
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 11505 VANOWEN ST
N HOLLYWOOD, CA 91605
County: Los Angeles

Gepaid: CAD981579816
Tepaid: CAD089446710
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 11505 VANOWEN ST
N HOLLYWOOD, CA 91605
County: Los Angeles

Gepaid: CAD981579816
Tepaid: CAD089446710
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 11505 VANOWEN ST
N HOLLYWOOD, CA 91605
County: Los Angeles

The CA HAZNET database contains 4 additional records for this site.
Please contact your EDR Account Executive for more information.

P55
SSE
1/8-1/4
954
Higher

GATEWAY VANOWEN MEDICAL GROUP
11432 VANOWEN ST
NORTH HOLLYWOOD, CA 91605
Site 2 of 7 in cluster P

HAZNET S100947837
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GATEWAY VANOWEN MEDICAL GROUP (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100947837

HAZNET:

Gepaid: CAL000077285
Tepaid: CAD982041980
Gen County: Los Angeles
Tsd County: Fresno
Tons: .0035
Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method: Recycler
Contact: TENET
Telephone: (818) 780-2250
Mailing Address: 11432 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6220
County: Los Angeles

**P56
SSE
1/8-1/4
975
Higher**

**JAWBREAKER PRODUCTIONS INC
11423 VAN OWEN ST
NORTH HOLLYWOOD, CA 91605**

**HAZNET S103971755
N/A**

Site 3 of 7 in cluster P

HAZNET:

Gepaid: CAC001395216
Tepaid: CAD008302903
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1167
Category: Latex waste
Disposal Method: Recycler
Contact: JAWBREAKER PRODUCTIONS INC
Telephone: (000) 000-0000
Mailing Address: 1680 N VINE ST STE 1200
HOLLYWOOD, CA 90028
County: Los Angeles

**P57
SSE
1/8-1/4
976
Higher**

**DAVIS-COWEN INVESTMENTS LLC
11423 VAN OWEN
NORTH HOLLYWOOD, CA 91605**

**HAZNET S103960085
N/A**

Site 4 of 7 in cluster P

HAZNET:

Gepaid: CAC001504128
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3336
Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Contact: DAVIS-COWEN INVESTMENTS LLC
Telephone: (000) 000-0000
Mailing Address: 2049 CENTURY PARK E STE 1800
LOS ANGELES, CA 90067
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site
Database(s)
EDR ID Number
EPA ID Number

P58
SSE
1/8-1/4
976
Higher
PAUL DENNIS
11423 VAN OWEN
NORTH HOLLYWOOD, CA 91605
Site 5 of 7 in cluster P

HAZNET
S103623962
N/A

HAZNET:
Gepaid: CAC000878816
Tepaid: CAT080011059
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: PAUL DENNIS
Telephone: (000) 000-0000
Mailing Address: 955 WALKER AVE
ASHLAND, OR 97520
County: Los Angeles

P59
SSE
1/8-1/4
1009
Higher
VANOWEN INDUSTRIAL CENTER
11417-11423 VANOWEN ST., UNITS 29-31
NORTH HOLLYWOOD, CA 91605
Site 6 of 7 in cluster P

Cal-Sites
S104241819
N/A

CAL-SITES:
Facility ID: 19390054
Status: VCP - VOLUNTARY CLEANUP PROGRAM (VCP)
Status Date: 11/05/1999
Lead: DTSC
Region: 4 - LONG BEACH
Branch: SA - SOUTHERN CA. - A
File Name: VANOWEN INDUSTRIAL CENTER
Status Name: VOLUNTARY CLEANUP PROGRAM
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC: 39 MISCELLANEOUS MANUFACTURING INDUSTRIES
Facility Type: VOLUNTARY CLEANUP PROGRAM
Type Name: VCP
Staff Member Responsible for Site: RKRUG
Supervisor Responsible for Site: HJECH
Region Water Control Board: LA - LOS ANGELES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

Not reported

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
P60 SSE 1/8-1/4 1009 Higher	T & C CIRCUITS INC 11417 VANOWEN ST NORTH HOLLYWOOD, CA 91605 Site 7 of 7 in cluster P RCRIS: Owner: NOT REQUIRED (415) 555-1212 Contact: ENVIRONMENTAL MANAGER (213) 764-4400 Record Date: 09/01/1996 Classification: Small Quantity Generator Used Oil Recyc: No Violation Status: No violations found FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)	RCRIS-SQG FINDS	1000105781 CAD094454329
R61 SE 1/8-1/4 1028 Higher	DOWELL ALUMINUM 11342 HARTLAND NORTH HOLLYWOOD, CA 91605 Site 1 of 2 in cluster R HAZNET: Gepaid: CAL000176779 Tepaid: CAD981402522 Gen County: Los Angeles Tsd County: Kern Tons: .2710 Category: Photochemicals/photoprocessing waste Disposal Method: Recycler Contact: LYNN DOMPE Telephone: (000) 000-0000 Mailing Address: 11342 HARTLAND ST NORTH HOLLYWOOD, CA 91605 County: Los Angeles	HAZNET	S102825255 N/A
R62 ESE 1/8-1/4 1055 Higher	LUCAS MACHINE CO 11301 HATRLAND ST NORTH HOLLYWOOD, CA 91605 Site 2 of 2 in cluster R	RCRIS-SQG FINDS	1000157531 CAD008484032

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LUCAS MACHINE CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000157531

RCRIS:

Owner: PATRICIA LUCAS
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(818) 762-0745

Record Date: 09/01/1996
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

63
SE
1/8-1/4
1122
Higher

GREG'S AUTOMOTIVE
11401 VANOWEN ST
NORTH HOLLYWOOD, CA 91606

HAZNET S103966733
Cortese N/A

HAZNET:

Gepaid: CAL000003609
Tepaid: CAD981375983
Gen County: Los Angeles
Tsd County: 1
Tons: .1167
Category: Solids or sludges with halogenated organic compounds > 1000mg/kg
Disposal Method: Recycler
Contact: KRIKOR GREG
Telephone: (000) 000-0000
Mailing Address: 11401 VANOWEN ST
NORTH HOLLYWOOD, CA 91606
County: Los Angeles

CORTESE:

Reg Id: 111.2243A
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

S64
SW
1/8-1/4
1143
Higher

HOLLAND COMMUNICATIONS
11562 VAN OWEN
NORTH HOLLYWOOD, CA 91605

HAZNET S103624310
N/A

Site 1 of 2 in cluster S

HAZNET:

Gepaid: CAL000120196
Tepaid: CAD982524613
Gen County: Los Angeles
Tsd County: Orange
Tons: .1251
Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: WILLIAM A HOLLAND
Telephone: (818) 993-0511

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HOLLAND COMMUNICATIONS (Continued)

S103624310

Mailing Address: 11562 VANOWEN ST
NO HOLLYWOOD, CA 91605
County Los Angeles
Gepaid: CAL000120196
Tepaid: CAD982524613
Gen County: Los Angeles
Tsd County: Orange
Tons: .1251
Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: WILLIAM A HOLLAND
Telephone: (818) 993-0511
Mailing Address: 11562 VANOWEN ST
NO HOLLYWOOD, CA 91605
County Los Angeles
Gepaid: CAL000120196
Tepaid: CAT000613976
Gen County: Los Angeles
Tsd County: Orange
Tons: .2502
Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Contact: WILLIAM A HOLLAND
Telephone: (818) 993-0511
Mailing Address: 11562 VANOWEN ST
NO HOLLYWOOD, CA 91605
County Los Angeles

S65
SW
1/8-1/4
1174
Higher

WILLIE LENZ VW
11568 VAN OWEN ST
NORTH HOLLYWOOD, CA 91605

HAZNET **S104577204**
N/A

Site 2 of 2 in cluster S

HAZNET:
Gepaid: CAL000072986
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1200
Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: WILLIAM MOSINKA
Telephone: (000) 000-0000
Mailing Address: 11568 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6229
County Los Angeles
Gepaid: CAL000072986
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0417
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: WILLIAM MOSINKA
Telephone: (000) 000-0000
Mailing Address: 11568 VANOWEN ST

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

WILLIE LENZ VW (Continued)

S104577204

County NORTH HOLLYWOOD, CA 91605 - 6229
Los Angeles
Gepaid: CAL000072986
Tepaid: CAT000613893
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.0625
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: WILLIAM MOSINKA
Telephone: (000) 000-0000
Mailing Address: 11568 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6229
County Los Angeles
Gepaid: CAL000072986
Tepaid: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1251
Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: WILLIAM MOSINKA
Telephone: (000) 000-0000
Mailing Address: 11568 VANOWEN ST
NORTH HOLLYWOOD, CA 91605 - 6229
County Los Angeles

66
West
1/8-1/4
1244
Higher

M&B GRAPHICS INC
11575 DEHOUGNE ST
NORTH HOLLYWOOD, CA 91605

HAZNET S102815773
N/A

HAZNET:
Gepaid: CAL000080700
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1292
Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: DEABRA GRIFFITH
Telephone: (000) 000-0000
Mailing Address: 11575 DEHOUGNE ST
NORTH HOLLYWOOD, CA 91605
County Los Angeles
Gepaid: CAL000080700
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: DEABRA GRIFFITH
Telephone: (000) 000-0000
Mailing Address: 11575 DEHOUGNE ST
NORTH HOLLYWOOD, CA 91605

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M&B GRAPHICS INC (Continued)

S102815773

County: Los Angeles
Gepaid: CAL000080700
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2293
Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: DEABRA GRIFFITH
Telephone: (000) 000-0000
Mailing Address: 11575 DEHOUGNE ST
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

T67
WNW
1/8-1/4
1301
Higher

**ABBOT INDUSTRIAL SUPP INT'L IN
11604 HART ST
NORTH HOLLYWOOD, CA 91605**

**CA FID UST S101584022
N/A**

Site 1 of 2 In cluster T

FID:

Facility ID:	19007925	Regulate ID:	Not reported
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(213) 000-0000
Mail To:	Not reported		
	11604 HART ST NORTH HOLLYWOOD, CA 91605		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

T68
WNW
1/8-1/4
1301
Higher

**ABBOT INDUSTRIAL SUPPLIES
11604 HART ST
NORTH HOLLYWOOD, CA 91605**

**HIST UST U001568532
N/A**

Site 2 of 2 in cluster T

UST HIST:

Facility ID:	66400		
Tank Num:	1	Container Num:	ONE
Tank Capacity:	1000	Year Installed:	Not reported
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Construction:	X centimeters
Leak Detection:	Stock Inventor		
Contact Name:	STUART WIXSOM	Telephone:	(818) 982-2707
Total Tanks:	1	Region:	STATE
Facility Type:	2	Other Type:	INDUSTRIAL SUPPLIES

69
SE
1/8-1/4
1312
Higher

**1X ASSOCIATED INDUSTRIES
11347 VANOWEN ST
NORTH HOLLYWOOD, CA 91605**

**HAZNET S102799083
N/A**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

1X ASSOCIATED INDUSTRIES (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102799083

HAZNET:

Gepaid: CAC000943736
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0458
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: ARNOLD A SEMLER
Telephone: (000) 000-0000
Mailing Address: 11327 VANOWEN ST
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

U70
NNE
1/4-1/2
1789
Higher

FEDERATED INDUSTRIES INC
11428 SHERMAN WAY
NORTH HOLLYWOOD, CA 91605

HAZNET S100935218
Cortese N/A

Site 1 of 2 in cluster U

HAZNET:

Gepaid: CAL000070759
Tepaid: CAD009452657
Gen County: Los Angeles
Tsd County: San Mateo
Tons: .3127
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 11428 SHERMAN WAY
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

Gepaid: CAL000070759
Tepaid: COC060042992
Gen County: Los Angeles
Tsd County: 99
Tons: .3127
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 11428 SHERMAN WAY
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

Gepaid: CAL000070759
Tepaid: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .8340
Category: Tank bottom waste
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 11428 SHERMAN WAY
NORTH HOLLYWOOD, CA 91605
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FEDERATED INDUSTRIES INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100935218

Gepaid: CAC001274248
Tepaid: AZC950823111
Gen County: Los Angeles
Tsd County: 99
Tons: 6.7424
Category: Asbestos-containing waste
Disposal Method: Not reported
Contact: FEDERATED INDUSTRIES INC
Telephone: (312) 664-3355
Mailing Address: 21356 NORDHOFF ST STE 105
CHATSWORTH, CA 91311 - 7917
County: Los Angeles

Gepaid: CAC001274248
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 6.6720
Category: Tank bottom waste
Disposal Method: Recycler
Contact: FEDERATED INDUSTRIES INC
Telephone: (312) 664-3355
Mailing Address: 21356 NORDHOFF ST STE 105
CHATSWORTH, CA 91311 - 7917
County: Los Angeles

CORTESE:

Reg Id: 916057089
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

U71
NNE
1/4-1/2
1789
Higher

VACANT LOT
11428 SHERMAN WAY
NORTH HOLLYWOOD, CA 91605

LUST S104406397
N/A

Site 2 of 2 in cluster U

State LUST:

Cross Street:	Not reported	
Qty Leaked:	Not reported	
Case Number	916057089	
Reg Board:	Los Angeles Region	
Chemical:	Gasoline	
Lead Agency:	Regional Board	
Local Agency :	19050	
Case Type:	Soil only	
Status:	No leak action taken by responsible party after initial report of leak	
County:	Los Angeles	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	Monitoring: Not reported
Close Date:	Not reported	
Release Date:	12/14/1999	
Cleanup Fund Id :	Not reported	
Discover Date :	/ /	
Enforcement Dt :	Not reported	
Enf Type:	Not reported	
Enter Date :	/ /	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

VACANT LOT (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104406397

Funding: Not reported
Staff Initials: UNK
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : -118.3799303 / 34.2010348
Leak Cause: Not reported
Leak Source: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : TAS
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : UST
Priority : Not reported
Review Date : 02/09/2000
Stop Date : Not reported
Office : Not reported
Work Suspended : Not reported
Responsible Party: PACIFIC WEST MANAGEMENT
RP Address: 16027 VENTURA BLVD., STE. 550, ENCINO, CA 91436
Global Id: T0603702594
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: LOS ANGELES DEPARTMENT OF WATER AND POWER
Well Name: NORTH HOLLYWOOD WELL 14-A - INACTIVE
Distance To Lust: 1411.0408716243187981688849332
Waste Discharge Global ID: W0603710067
Waste Disch Assigned Name: 01N/14W-06Q03 S
Mtbe Class: Not reported
Summary: UST'S REMOVED 1/10/96
LUST Region 4:
Report Date: 12/14/1999
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 916057089
Substance: Gasoline
Case Type: Soil
Status: Leak being confirmed
Region: 4
Staff: TAS

72
West
1/4-1/2
1974
Higher

PACIFIC AIRMOTIVE
6909 LANKERSHIM BLVD
NORTH HOLLYWOOD, CA 91605

Cal-Sites S101480927
N/A

CAL-SITES:
Facility ID 19420026

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC AIRMOTIVE (Continued)

S101480927

Status: REFOA - DOES NOT REQUIRE DTSC ACTION OR OVERSITE ACTIVITY. REFERED TO
OTHER AGENCY LEAD
Status Date: 04/06/1984
Lead: Not reported
Region: 3 - BURBANK
Branch: SA - SOUTHERN CA. - A
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Lead Agency: N/A Not reported
NPL: Not reported
SIC: 42 TRUCKING & WAREHOUSING
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: MMONROY
Region Water Control Board: Not reported
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

73
NNW
1/4-1/2
2002
Higher

MCCORMIX CORPORATION
11600 SHERMAN
NORTH HOLLYWOOD, CA 91605

Cortese S104914996
N/A

CORTESE:

Reg Id: 3127
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Reg Id: 111.0180
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

V74
NE
1/4-1/2
2154
Higher

FLIGHT ACCESSORY SERVS
11310 SHERMAN WAY
SUN VALLEY, CA 91352
Site 1 of 3 in cluster V

FINDS 1000234981
RCRIS-LQG CAT000646257
LUST
Cortese

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLIGHT ACCESSORY SERVS (Continued)

1000234981

RCRIS:

Owner: HAWKER PACIFIC LTD
(714) 673-6466

Contact: ENVIRONMENTAL MANAGER
(213) 875-2930

Record Date: 09/01/1996

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	103.00	D002	11903.00
D007	7600.00	F003	787.00

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Biennial Reporting System (BRS)
Enforcement Docket System (DOCKET)
Facility Registry System (FRS)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Permit Compliance System (PCS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

State LUST:

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelim Assess:	Not reported
Case Number	913522416	Remed Plan:	Not reported
Reg Board:	Los Angeles Region	Monitoring:	Not reported
Chemical:	Solvents		
Lead Agency:	Regional Board		
Local Agency :	19050		
Case Type:	Soil only		
Status:	Preliminary site assessment workplan submitted		
County:	Los Angeles		
Review Date:	Not reported		
Workplan:	Not reported		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Close Date:	Not reported		
Release Date:	02/03/1992		
Cleanup Fund Id :	Not reported		
Discover Date :	/ /		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	06/09/1992		
Funding:	Not reported		
Staff Initials:	UNK		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Lat/Lon :	-118.3773182 / 34.2012498		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FLIGHT ACCESSORY SERVS (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000234981

Leak Cause: Unknown
Leak Source: Unknown
Local Case #: Not reported
Beneficial: Not reported
Staff: TAS
MTBE Date: Not reported
MTBE Tested: NRQ
Max MTBE GW: Not reported
GW Qualifies: Not reported
Max MTBE Soil: Not reported
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: OLD CASENO WAS 030392-01
Oversight Prgm: UST
Priority: Not reported
Review Date: 01/20/2000
Stop Date: Not reported
Office: Not reported
Work Suspended: Not reported
Responsible Party: HAWKER PACIFIC
RP Address: 11310 SHERMAN WAY, SUN VALLEY, CA 91352
Global Id: T0603702330
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: 0
Water System Name: LOS ANGELES DEPARTMENT OF WATER AND POWER
Well Name: NORTH HOLLYWOOD WELL 14-A - INACTIVE
Distance To Lust: 1969.3505767455790032976118796
Waste Discharge Global ID: W0603710067
Waste Disch Assigned Name: 01N/14W-06Q03 S
Mtb Class: Not reported
Summary: Not reported

LUST Region 4:

Report Date: 2/3/1992
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 913522416
Substance: Solvents
Case Type: Soil
Status: Preliminary site assessment workplan submitted
Region: 4
Staff: TAS

CORTESE:

Reg Id: 913522416
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

V75
NE
1/4-1/2
2186
Higher
SUN VALLEY VEHICLE MAINT.AND BUS GARAGE
11247 SHERMAN WAY
SUN VALLEY, CA 91352
Site 2 of 3 in cluster V

UST
HIST UST
LUST
Cortese
U001567830
N/A

State LUST:

Cross Street: BAKMAN AVE
Qty Leaked: Not reported
Case Number: 111.2498A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SUN VALLEY VEHICLE MAINT.AND BUS GARAGE (Continued)

U001567830

Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 19050
Case Type: Other ground water affected
Status: No leak action taken by responsible party after initial report of leak
County: Los Angeles
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: Not reported
Release Date: 12/10/1999
Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : / /
Funding: Not reported
Staff Initials: UNK
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : -118.3758202 / 34.2012538
Leak Cause: Not reported
Leak Source: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : TAS
MTBE Date : 01/01/1965
MTBE Tested : YES
Max MTBE GW : .5
GW Qualifies : <
Max MTBE Soil : .5
Soil Qualifies : <
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : UST
Priority : Not reported
Review Date : 02/24/2000
Stop Date : Not reported
Office : Not reported
Work Suspended : Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0603700190
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: 1
Water System Name: LOS ANGELES DEPARTMENT OF WATER AND POWER
Well Name: NORTH HOLLYWOOD WELL 14-A - INACTIVE
Distance To Lust: 2325.7809895565241116452299784
Waste Discharge Global ID: W0603710067
Waste Disch Assigned Name: 01N/14W-06Q03 S
Mtbe Class: Not reported
Summary: 2/24/00 MTBE POLLUTION INVESTIGATION INFORMATION

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SUN VALLEY VEHICLE MAINT.AND BUS GARAGE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001567830

LUST Region 4:

Report Date: 12/10/1999
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 111.2498A
Substance: Gasoline
Case Type: Groundwater
Status: Leak being confirmed
Region: 4
Staff: TAS

CORTESE:

Reg Id: 111.2498
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Reg Id: 111.2498A
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

UST HIST:

Facility ID: 68265
Tank Num: 1
Tank Capacity: 10000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: None
Contact Name: CARLOS MORENO ASSISTANT MAINT. Telephone: (213) 742-7586
Total Tanks: 8
Facility Type: 2
Container Num: 14
Year Installed: Not reported
Tank Construction: X centimeters
Region: STATE
Other Type: SCHOOL DISTRICT

Facility ID: 68265
Tank Num: 2
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Leak Detection: None
Contact Name: CARLOS MORENO ASSISTANT MAINT. Telephone: (213) 742-7586
Total Tanks: 8
Facility Type: 2
Container Num: 15
Year Installed: Not reported
Tank Construction: Not reported
Region: STATE
Other Type: SCHOOL DISTRICT

Facility ID: 68265
Tank Num: 3
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Leak Detection: None
Contact Name: CARLOS MORENO ASSISTANT MAINT. Telephone: (213) 742-7586
Total Tanks: 8
Facility Type: 2
Container Num: 16
Year Installed: Not reported
Tank Construction: Not reported
Region: STATE
Other Type: SCHOOL DISTRICT

Facility ID: 68265
Tank Num: 4
Tank Capacity: 2000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Leak Detection: None
Contact Name: CARLOS MORENO ASSISTANT MAINT. Telephone: (213) 742-7586
Container Num: 17
Year Installed: Not reported
Tank Construction: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SUN VALLEY VEHICLE MAINT.AND BUS GARAGE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001567830

Total Tanks: 8 Region: STATE
Facility Type: 2 Other Type: SCHOOL DISTRICT

Facility ID: 68265
Tank Num: 5 Container Num: 18
Tank Capacity: 2000 Year Installed: Not reported
Tank Used for: PRODUCT
Type of Fuel: Not Reported Tank Construction: Not reported
Leak Detection: None

Contact Name: CARLOS MORENO ASSISTANT MAINT. Telephone: (213) 742-7586
Total Tanks: 8 Region: STATE
Facility Type: 2 Other Type: SCHOOL DISTRICT

Facility ID: 68265
Tank Num: 6 Container Num: 19
Tank Capacity: 2000 Year Installed: Not reported
Tank Used for: WASTE
Type of Fuel: WASTE OIL Tank Construction: Not reported
Leak Detection: None

Contact Name: CARLOS MORENO ASSISTANT MAINT. Telephone: (213) 742-7586
Total Tanks: 8 Region: STATE
Facility Type: 2 Other Type: SCHOOL DISTRICT

Facility ID: 68265
Tank Num: 7 Container Num: 20
Tank Capacity: 2000 Year Installed: Not reported
Tank Used for: PRODUCT
Type of Fuel: Not Reported Tank Construction: Not reported
Leak Detection: None
Contact Name: CARLOS MORENO ASSISTANT MAINT. Telephone: (213) 742-7586
Total Tanks: 8 Region: STATE
Facility Type: 2 Other Type: SCHOOL DISTRICT

Facility ID: 68265
Tank Num: 8 Container Num: 21
Tank Capacity: 2000 Year Installed: Not reported
Tank Used for: WASTE
Type of Fuel: WASTE OIL Tank Construction: Not reported
Leak Detection: None
Contact Name: CARLOS MORENO ASSISTANT MAINT. Telephone: (213) 742-7586
Total Tanks: 8 Region: STATE
Facility Type: 2 Other Type: SCHOOL DISTRICT

State UST:
Facility ID: 24134
Total Tanks: 1
Region: STATE
Current Status: Active

V76 LA UNIFIED SCHOOL DISTRICT
NE 11247 SHERMAN WY
1/4-1/2 SUN VALLEY, CA 91352
2186
Higher Site 3 of 3 in cluster V

LUST S102432433
N/A

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 111.2498

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LA UNIFIED SCHOOL DISTRICT (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102432433

Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 19050
Case Type: Other ground water affected
Status: Signed off, remedial action completed or deemed unnecessary
County: Los Angeles
Review Date: 10/17/1991
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 06/04/1996
Release Date: 10/17/1991
Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 10/15/1991
Funding: Not reported
Staff Initials: UNK
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : -118.3757742 / 34.2012628
Leak Cause: Unknown
Leak Source: Tank
Local Case # : Not reported
Beneficial: Not reported
Staff : wip
MTBE Date : 01/01/1965
MTBE Tested : YES
Max MTBE GW : 10
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : WIP
Priority : Not reported
Review Date : 10/17/1991
Stop Date : Not reported
Office : Not reported
Work Suspended : Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0603700189
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: LOS ANGELES DEPARTMENT OF WATER AND POWER
Well Name: NORTH HOLLYWOOD WELL 14-A - INACTIVE
Distance To Lust: 2339.0720515957937913442921977
Waste Discharge Global ID: W0603710067
Waste Disch Assigned Name: 01N/14W-06Q03 S
Mtbe Class: Not reported
Summary: CASE IS ASSIGNED TO JAMES TANG IN AB2 UNIT.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LA UNIFIED SCHOOL DISTRICT (Continued)

S102432433

LUST Region 4:

Report Date: 10/17/1991
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 111.2498
Substance: Gasoline
Case Type: Groundwater
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: wip

W77
WSW
1/4-1/2
2214
Higher

THRIFTY #016
6800 LANKERSHIM BLVD
LOS ANGELES, CA 91600

LUST S102438945
N/A

Site 1 of 2 in cluster W

State LUST:

Cross Street: VANOWEN
Qty Leaked: Not reported
Case Number: 916000016
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 19050
Case Type: Other ground water affected
Status: Signed off, remedial action completed or deemed unnecessary
County: Los Angeles
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 01/30/1997
Release Date: 01/20/1987
Cleanup Fund Id : Not reported
Discover Date : 12/10/1986
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 11/16/1987
Funding: Not reported
Staff Initials: UNK
How Discovered: Subsurface Monitoring
How Stopped: Not reported
Interim : Not reported
Lat/Lon : -118.3877885 / 34.193863
Leak Cause: Unknown
Leak Source: Unknown
Local Case # : Not reported
Beneficial: Not reported
Staff : UNK
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

THRIFTY #016 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102438945

Oversight Prgm : LIA
Priority : Not reported
Review Date : 11/30/1988
Stop Date : Not reported
Office : Not reported
Work Suspended : Not reported
Responsible Party: THRIFTY OIL CO
RP Address: 10000 LAKEWOOD BLVD, DOWNEY, CA 90240
Global Id: T0603702547
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: LOS ANGELES DEPARTMENT OF WATER AND POWER
Well Name: NORTH HOLLYWOOD WELL 31 - INACTIVE
Distance To Lust: 840.685162602425214298841497
Waste Discharge Global ID: W0603710067
Waste Disch Assigned Name: 01N/14W-06P02 S
Mtbe Class: Not reported
Summary: Not reported

Cross Street: VANOWEN
Qty Leaked: Not reported
Case Number: 916000016A
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 19050
Case Type: Soil only
Status: No leak action taken by responsible party after initial report of leak
County: Los Angeles
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 12/10/1999
Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : / /
Funding: Not reported
Staff Initials: UNK
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : Not reported
Leak Cause: Not reported
Leak Source: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : TAS
MTBE Date : 01/01/1965
MTBE Tested : YES
Max MTBE GW : Not reported
GW Qualifies : Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

THRIFTY #016 (Continued)

S102438945

Max MTBE Soil : .005
Soil Qualifies : <
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : UST
Priority : Not reported
Review Date : 02/11/2000
Stop Date : Not reported
Office : Not reported
Work Suspended : Not reported
Responsible Party: THRIFTY OIL CO
RP Address: 13539 E. FOSTER RD., SANTA FE SPRINGS, CA 90670
Global Id: T0603702548
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Mtbe Class: Not reported
Summary: Not reported

LUST Region 4:

Report Date: 12/10/1999
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 916000016A
Substance: Gasoline
Case Type: Soil
Status: Leak being confirmed
Region: 4
Staff: TAS

Report Date: 1/20/1987
Lead Agency: Local Agency
Local Agency: 19050
Case Number: 916000016
Substance: Gasoline
Case Type: Groundwater
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

**W78
WSW
1/4-1/2
2214
Higher**

**THRIFTY #016
6800 LANKERSHIM
NORTH HOLLYWOOD, CA 91605**

**Cortese S101297610
N/A**

Site 2 of 2 in cluster W

CORTESE:

Reg Id: 916000016
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Reg Id: 916000016A
Region: CORTESE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

THRIFTY #016 (Continued)

Reg By: Leaking Underground Storage Tanks

EDR ID Number
EPA ID Number

Database(s)

S101297610

**X79
SSE
1/4-1/2
2326
Lower**

**KITTRIDGE DUMP
LOS ANGELES (CITY), CA
Site 1 of 2 in cluster X**

**SWF/LF S101311126
N/A**

LF:

Facility ID: 19-AR-5139
Operator: Not reported
Operator Phone: Not reported
Operator Addr: Not reported
Owner: Not reported
Owner Address: Not reported
Owner Telephone: Not reported
Activity: Solid Waste Disposal Site
Operator's Status: Closed
Regulation Status: To Be Determined
Region: STATE
Lat/Long: 34 / -118
Permit Date: Not reported
Accepted Waste:
Permitted Throughput with Units: 0
Permitted Throughput with Units: 0
Permitted Throughput with Units: 0
Actual Throughput with Units: Not reported
Actual Capacity with Units: 0
Permitted Capacity with Units: 0
Remaining Capacity with Units: Not reported
Permitted Total Acreage: 0
Inspection Frequency: Quarterly
Landuse Name: Not reported
GIS Source: Place
Permit Status: Not reported
Category: Disposal
Unit Number: 01
Last Waste Tire Inspection Count : 0
Last Waste Tire Inspection Date: 0
Original Waste Tire Count: Not reported
Original Waste Tire Count Date: Not reported
Closure Date: / /
Closure Type: Not reported
Disposal Acreage: 0
Remaining Capacity: 0

**X80
SSE
1/4-1/2
2331
Lower**

**KITTRIDGE DUMP-SUN VALLEY
11400 KITTRIDGE
SUN VALLEY, CA
Site 2 of 2 in cluster X**

**WMUDS/SWAT S103441527
N/A**

WMUDS:

Region: 4
Date of Last Facility Edit: Not reported
Last Facility Editors: Not reported
Waste Discharge System ID: 4 190287NUR

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

KITTRIDGE DUMP-SUN VALLEY (Continued)

S103441527

Solid Waste Information ID:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Facility Name:	Not reported
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act Program:	False
Department of Defense:	False
Open to Public:	False
Number of WMUDS at Facility:	1
Facility Telephone:	Not reported
Primary Standard Industrial Classification:	Not reported
Secondary Standard Industrial Classification:	Not reported
Solid Waste Assessment Test Program Name:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Sub Chapter 15:	False
Reg. Board Project Officer:	LT
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Base Meridian:	Not reported
Waste List:	False
Facility Description:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Threat to Water Quality:	Not reported
Agency:	Not reported
Address:	Not reported
Department:	Not reported
Contact:	Not reported
Telephone:	Not reported
Landowner:	Not reported
Address:	CA
Telephone:	Not reported
Contact:	Not reported

81
NW
1/4-1/2
2334
Higher

**KAISER PERMANENTE REGIONAL LAB
11668 SHERMAN WAY
NORTH HOLLYWOOD, CA 91605**

**FINDS 1000594537
RCRIS-LQG CAD983583709
LUST
HAZNET
Cortese**

RCRIS:
Owner: KAISER FDTN HLTH PLAN
(415) 555-1212
Contact: Not reported
Record Date: 01/28/1998
Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	11702.25	D002	50.27
D007	5.00	D009	1.00
D011	13.00	F003	11662.97

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE REGIONAL LAB (Continued)

1000594537

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Biennial Reporting System (BRS)

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:

Cross Street: Not reported

Qty Leaked: Not reported

Case Number: 916057070

Reg Board: Los Angeles Region

Chemical: Diesel

Lead Agency: Regional Board

Local Agency : 19050

Case Type: Soil only

Status: No leak action taken by responsible party after initial report of leak

County: Los Angeles

Review Date: Not reported

Workplan: Not reported

Pollution Char: Not reported

Remed Action: Not reported

Close Date: Not reported

Release Date: 12/10/1999

Cleanup Fund Id : Not reported

Discover Date : / /

Enforcement Dt : Not reported

Enf Type: Not reported

Enter Date : / /

Funding: Not reported

Staff Initials: UNK

How Discovered: Not reported

How Stopped: Not reported

Interim : Not reported

Lat/Lon : -118.3863705 / 34.2010608

Leak Cause: Not reported

Leak Source: Not reported

Local Case # : Not reported

Beneficial: Not reported

Staff : TAS

MTBE Date : Not reported

MTBE Tested : NRQ

Max MTBE GW : Not reported

GW Qualifies : Not reported

Max MTBE Soil : Not reported

Soil Qualifies : Not reported

Hydr Basin #: Not reported

Operator : Not reported

Oversight Prgm : UST

Priority : Not reported

Review Date : 02/14/2000

Stop Date : Not reported

Office : Not reported

Work Suspended : Not reported

Confirm Leak: Not reported

Prelim Assess: Not reported

Remed Plan: Not reported

Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAISER PERMANENTE REGIONAL LAB (Continued)

1000594537

Responsible Party: KAISER PERMANENTE
RP Address: 11668 SHERMAN WAY, N. HOLLYWOOD, CA 91605
Global Id: T0603702593
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 1219.6650242406744266931094897
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Mtbe Class: Not reported
Summary: Not reported

LUST Region 4:

Report Date: 12/10/1999
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 916057070
Substance: Diesel
Case Type: Soil
Status: Leak being confirmed
Region: 4
Staff: TAS

HAZNET:

Gepaid: CAD983583709
Tepaid: CAD008252405
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 7.9230
Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Contact: KAISER PERMANENTE
Telephone: (510) 271-5910
Mailing Address: 1950 FRANKLIN ST, 12TH FLOOR
OAKLAND, CA 94612 - 3416
County: Los Angeles
Gepaid: CAD983583709
Tepaid: FLD980711071
Gen County: Los Angeles
Tsd County: 99
Tons: 2.4769
Category: Unspecified solvent mixture Waste
Disposal Method: Not reported
Contact: KAISER PERMANENTE
Telephone: (510) 271-5910
Mailing Address: 1950 FRANKLIN ST, 12TH FLOOR
OAKLAND, CA 94612 - 3416
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KAISER PERMANENTE REGIONAL LAB (Continued)

1000594537

Gepaid: CAD983583709
Tepaid: FLD980711071
Gen County: Los Angeles
Tsd County: 99
Tons: 4.8037
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: ***
Contact: KAISER PERMANENTE
Telephone: (510) 271-5910
Mailing Address: 1950 FRANKLIN ST, 12TH FLOOR
OAKLAND, CA 94612 - 3416
County: Los Angeles

Gepaid: CAD983583709
Tepaid: FLD980711071
Gen County: Los Angeles
Tsd County: 99
Tons: 4.0532
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Disposal, Land Fill
Contact: KAISER PERMANENTE
Telephone: (510) 271-5910
Mailing Address: 1950 FRANKLIN ST, 12TH FLOOR
OAKLAND, CA 94612 - 3416
County: Los Angeles

Gepaid: CAD983583709
Tepaid: FLD980711071
Gen County: Los Angeles
Tsd County: 99
Tons: 38.1089
Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Contact: KAISER PERMANENTE
Telephone: (510) 271-5910
Mailing Address: 1950 FRANKLIN ST, 12TH FLOOR
OAKLAND, CA 94612 - 3416
County: Los Angeles

The CA HAZNET database contains 50 additional records for this site.
Please contact your EDR Account Executive for more information.

CORTESE:

Reg Id: 916057070
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

**Y82
NW
1/4-1/2
2410
Higher**
**TERRY LUMBER CO
7151 LANKERSHIM BLVD
NORTH HOLLYWOOD, CA 91605**
Site 1 of 2 in cluster Y

**LUST S104406396
N/A**

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 916057025
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TERRY LUMBER CO (Continued)

S104406396

Local Agency : 19050
Case Type: Other ground water affected
Status: No leak action taken by responsible party after initial report of leak
County: Los Angeles
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: Not reported
Release Date: 12/10/1999
Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : / /
Funding: Not reported
Staff Initials: UNK
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : -118.3879276 / 34.2008708
Leak Cause: Not reported
Leak Source: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : TAS
MTBE Date : 01/01/1965
MTBE Tested : YES
Max MTBE GW : .05
GW Qualifies : <
Max MTBE Soil : .05
Soil Qualifies : <
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : UST
Priority : Not reported
Review Date : 12/10/1999
Stop Date : Not reported
Office : Not reported
Work Suspended : Not reported
Responsible Party: TERRY LUMBER CO
RP Address: Not reported
Global Id: T0603702592
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 1140.6739745958394779310611653
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Mtbe Class: Not reported
Summary: Not reported

LUST Region 4:
Report Date: 12/10/1999
Lead Agency: Regional Board

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TERRY LUMBER CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104406396

Local Agency: 19050
Case Number: 916057025
Substance: Gasoline
Case Type: Groundwater
Status: Leak being confirmed
Region: 4
Staff: TAS

**Y83
NW
1/4-1/2
2410
Higher**

**TERRY INVESTMENT CO
7151 LANKERSHIM BLVD
NORTH HOLLYWOOD, CA 91605**

**HAZNET S103990598
Cortese N/A**

Site 2 of 2 in cluster Y

HAZNET:

Gepaid: CAC001460216
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .2502
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: TERRY INVESTMENT CO
Telephone: (000) 000-0000
Mailing Address: 18551 OXNARD ST
TARZANA, CA 91356
County: Los Angeles

CORTESE:

Reg Id: 916057025
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

**84
NW
1/4-1/2
2634
Higher**

**JAI TIRES
7201 LANKERSHIM BLVD
NORTH HOLLYWOOD (IN LOS ANGELE, CA**

**SWF/LF S103340331
N/A**

LF:

Facility ID: 19-TI-0817
Operator: Jai Tires
Operator Phone: (818) 765-8934
Operator Addr: 7201 Lankershim Blvd.
North Hollywood, CA 91605
Owner: Sartor, Edna & Lombardo, Raymond Trust
Owner Address: Not reported
4420 Alonzo Ave.
Encino, CA 91316
Owner Telephone: Not reported
Activity: Tire Dealer
Operator's Status: Active
Regulation Status: Excluded
Region: STATE
Lat/Long: 34 / -118
Permit Date: Not reported
Accepted Waste: Tires, Passenger
Permitted Throughput with Units: 1500
Permitted Throughput with Units: 1500

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

JAI TIRES (Continued)

S103340331

Permitted Throughput with Units: 1500
Actual Throughput with Units: Tires
Actual Capacity with Units: 0
Permitted Capacity with Units: 0
Remaining Capacity with Units: Not reported
Permitted Total Acreage: 0
Inspection Frequency: 30 Months
Landuse Name: Commercial
GIS Source: Place
Permit Status: Not reported
Category: Waste Tire Site
Unit Number: 01
Last Waste Tire Inspection Count : 1000
Last Waste Tire Inspection Date: 11/5/1998
Original Waste Tire Count: 2000
Original Waste Tire Count Date: 8/9/1998
Closure Date: / /
Closure Type: Not reported
Disposal Acreage: Not reported
Remaining Capacity: Not reported

85
NNE
1/2-1
2818
Higher

**LAUSD/SUN VALLEY MS
7330 BAKMAN AVE
SUN VALLEY, CA 91352**

**HAZNET S103670795
Cortese N/A**

HAZNET:

Gepaid: CAD982044158
Tepaid: CAD067786749
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 37.9260
Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: LOS ANGELES USD
Telephone: (213) 743-5086
Mailing Address: 1449 S SAN PEDRO ST
LOS ANGELES, CA 90015 - 3119
County: Los Angeles

Gepaid: CAD982044158
Tepaid: CAD067786749
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0000
Category:
Disposal Method: Disposal, Land Fill
Contact: LOS ANGELES USD
Telephone: (213) 743-5086
Mailing Address: 1449 S SAN PEDRO ST
LOS ANGELES, CA 90015 - 3119
County: Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAUSD/SUN VALLEY MS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103670795

Gepaid: CAD982044158
Tepaid: CAD067786749
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 16.0132
Category: Asbestos-containing waste
Disposal Method: Not reported
Contact: LOS ANGELES USD
Telephone: (213) 743-5086
Mailing Address: 1449 S SAN PEDRO ST
LOS ANGELES, CA 90015 - 3119
County: Los Angeles

Gepaid: CAD982044158
Tepaid: CAD067786749
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 8.4280
Category: Asbestos-containing waste
Disposal Method: Not reported
Contact: LOS ANGELES USD
Telephone: (213) 743-5086
Mailing Address: 1449 S SAN PEDRO ST
LOS ANGELES, CA 90015 - 3119
County: Los Angeles

Gepaid: CAD982044158
Tepaid: CAD067786749
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 6.7424
Category: Asbestos-containing waste
Disposal Method: Not reported
Contact: LOS ANGELES USD
Telephone: (213) 743-5086
Mailing Address: 1449 S SAN PEDRO ST
LOS ANGELES, CA 90015 - 3119
County: Los Angeles

The CA HAZNET database contains 5 additional records for this site.
Please contact your EDR Account Executive for more information.

CORTESE:

Reg Id: 913521843
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Reg Id: 913521843A
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

86
SW
1/2-1
2923
Higher

LANKERSHIM CAR WASH
6622 LANKERSHIM BLVD
NORTH HOLLYWOOD, CA 91606

LUST S104406399
Cortese N/A

LUST Region 4:
Report Date: 12/10/1999
Lead Agency: Regional Board

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LANKERSHIM CAR WASH (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104406399

Local Agency: 19050
Case Number: 916061698
Substance: Gasoline
Case Type: Soil
Status: Leak being confirmed
Region: 4
Staff: TAS

CORTESE:

Reg Id: 916061698
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

**87
ESE
1/2-1
3121
Higher**

**GREG'S AUTOMOTIVE
11041 VANOWEN ST
NORTH HOLLYWOOD, CA 91605**

**LUST S103587509
Cortese N/A**

State LUST:

Cross Street:	Not reported	
Qty Leaked:	Not reported	
Case Number	111.2243	
Reg Board:	Los Angeles Region	
Chemical:	Solvents	
Lead Agency:	Regional Board	
Local Agency :	19050	
Case Type:	Other ground water affected	
Status:	Signed off, remedial action completed or deemed unnecessary	
County:	Los Angeles	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	Monitoring: Not reported
Close Date:	04/23/1997	
Release Date:	11/18/1983	
Cleanup Fund Id :	Not reported	
Discover Date :	/ /	
Enforcement Dt :	Not reported	
Enf Type:	Not reported	
Enter Date :	12/31/1986	
Funding:	Not reported	
Staff Initials:	UNK	
How Discovered:	Not reported	
How Stopped:	Not reported	
Interim :	Not reported	
Lat/Lon :	-118.3714049 / 34.1939701	
Leak Cause:	Unknown	
Leak Source:	Unknown	
Local Case # :	Not reported	
Beneficial:	Not reported	
Staff :	WIP	
MTBE Date :	Not reported	
MTBE Tested :	NRQ	
Max MTBE GW :	Not reported	
GW Qualifies :	Not reported	
Max MTBE Soil :	Not reported	
Soil Qualifies :	Not reported	
Hydr Basin #:	Not reported	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREG'S AUTOMOTIVE (Continued)

S103587509

Operator : KRIKOR KOUSIAN
Oversight Prgm : WIP
Priority : Not reported
Review Date : 04/23/1997
Stop Date : Not reported
Office : Not reported
Work Suspended : Not reported
Responsible Party: KRIKOR KOUSIAN
RP Address: 11041 VANOWEN ST.
Global Id: T0603700187
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 215.66564924384356187330149552
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Mtbe Class: Not reported
Summary: NO FURTHER ACTION IS REQUIRED. EO LETTER TO CLOSE CASE PENDING.
CASE IS HANDLED BY AB1 (04-19-91). AKA WIP CASE
#111.2222 ????????

LUST Region 4:

Report Date: 11/18/1983
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 111.2243
Substance: Solvents
Case Type: Groundwater
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: WIP

CORTESE:

Reg Id: 111.2243
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

88
ENE
1/2-1
3192
Higher

11101 SHERMAN WAY
LOS ANGELES, CA 91352

CHMIRS S100276082
N/A

CHMIRS:

OES Control Number: 9013342 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: MANGANESE DIOXIDE
Extent of Release: Not reported
CAS Number: 1313-13-9 Quantity Released: 0
Environmental Contamination: Air Property Use: Industrial, Utility
Incident Date: 06-OCT-90 Date Completed: 06-OCT-90

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

89 **ARCO PRODUCTS COMPANY**
ESE **6804 VINELAND AVE**
1/2-1 **NORTH HOLLYWOOD, CA 91605**
3452
Higher

HAZNET S103668949
Cortese N/A

HAZNET:

Gepaid: CAL000028065
Tepaid: CAT080011059
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .1459
Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Recycler
Contact: ATLANTIC RICHFIELD COMPANY
Telephone: (213) 486-0494
Mailing Address: PO BOX 6038
 ARTESIA, CA 90702 - 6038
County Los Angeles

Gepaid: CAL000028065
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3419
Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Recycler
Contact: ATLANTIC RICHFIELD COMPANY
Telephone: (213) 486-0494
Mailing Address: PO BOX 6038
 ARTESIA, CA 90702 - 6038
County Los Angeles

Gepaid: CAL000028065
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .0417
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: ATLANTIC RICHFIELD COMPANY
Telephone: (213) 486-0494
Mailing Address: PO BOX 6038
 ARTESIA, CA 90702 - 6038
County Los Angeles

Gepaid: CAL000028065
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.3753
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: ATLANTIC RICHFIELD COMPANY
Telephone: (213) 486-0494
Mailing Address: PO BOX 6038
 ARTESIA, CA 90702 - 6038
County Los Angeles

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ARCO PRODUCTS COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103668949

Gepaid: CAL000028065
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: .3961
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: ATLANTIC RICHFIELD COMPANY
Telephone: (213) 486-0494
Mailing Address: PO BOX 6038
ARTESIA, CA 90702 - 6038
County Los Angeles

CORTESE:

Reg Id: 916056989
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

90
ESE
1/2-1
3536
Higher

SAMRAN THOMLOI
6761 VINELAND AVE
NORTH HOLLYWOOD, CA 91601

HAZNET S104569110
Cortese N/A

HAZNET:

Gepaid: CAC001492240
Tepaid: CAT080013352
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 3.336
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: SAMRAN THOMLOI
Telephone: (562) 987-6651
Mailing Address: 5149 COLFAX AVE
NORTH HOLLYWOOD, CA 91601
County Los Angeles

Gepaid: CAC002245921
Tepaid: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.4595
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: SAM RAN THOMLOI
Telephone: (818) 760-2905
Mailing Address: 5149 COLFAX AVE
NORTH HOLLYWOOD, CA 91601
County Los Angeles

CORTESE:

Reg Id: 916061707
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

91
ENE
1/2-1
3805
Higher

SUN VALLEY UNOCAL 76 SERVICE
7209 VINELAND AVE
SUN VALLEY, CA 91352

HAZNET
Cortese

S103989790
N/A

HAZNET:

Gepaid: CAL000014387
Tepaid: CAT080022148
Gen County: Los Angeles
Tsd County: San Bernardino
Tons: .1042
Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: HAWATRAL ANTON
Telephone: (000) 000-0000
Mailing Address: 7209 VINELAND AVE
SUN VALLEY, CA 91352
County: Los Angeles

CORTESE:

Reg Id: 913522434
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

92
SSW
1/2-1
3896
Lower

U-HAUL CENTER
11666 VICTORY BLVD
NORTH HOLLYWOOD, CA 91606

Cortese

S103992922
N/A

CORTESE:

Reg Id: 916061670
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

93
ENE
1/2-1
4068
Higher

PRICE CLUB
10950 SHERMAN WY
BURBANK, CA 91505

RCRIS-SQG
FINDS
HAZNET
Cortese

1000168300
CAD982510810

RCRIS:

Owner: PRICE CO
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(818) 840-9388
Record Date: 09/01/1996
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PRICE CLUB (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000168300

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD982510810

Tepaid: CAD000088252

Gen County: Los Angeles

Tsd County: Los Angeles

Tons: .4587

Category: Unspecified oil-containing waste

Disposal Method: Transfer Station

Contact: PRICE COSTCO INC

Telephone: (000) 000-0000

Mailing Address: 10809 120TH AVE NE
KIRKLAND, WA 98033

County: Los Angeles

Gepaid: CAD982510810

Tepaid: CAD000088252

Gen County: Los Angeles

Tsd County: Los Angeles

Tons: .4418

Category: Unspecified solvent mixture Waste

Disposal Method: Transfer Station

Contact: PRICE COSTCO INC

Telephone: (000) 000-0000

Mailing Address: 10809 120TH AVE NE
KIRKLAND, WA 98033

County: Los Angeles

CORTESE:

Reg Id: 913522525

Region: CORTESE

Reg By: Leaking Underground Storage Tanks

94
SSW
1/2-1
4070
Lower

UNOCAL #6273
11705 VICTORY BLVD
NORTH HOLLYWOOD, CA 91606

LUST S102440130
Cortese N/A

State LUST:

Cross Street: LANKERSHIM

Qty Leaked: Not reported

Case Number: 916061607

Reg Board: Los Angeles Region

Chemical: Gasoline

Lead Agency: Regional Board

Local Agency: 19050

Case Type: Soil only

Status: No leak action taken by responsible party after initial report of leak

County: Los Angeles

Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

Review Date: Not reported

Workplan: Not reported

Pollution Char: Not reported

Remed Action: Not reported

Confirm Leak: Not reported

Prelim Assess: Not reported

Remed Plan: Not reported

Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #6273 (Continued)

S102440130

Close Date: Not reported
Release Date: 01/01/1990
Cleanup Fund Id : Not reported
Discover Date : 05/15/1990
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 03/25/1996
Funding: Not reported
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Repair Tank
Interim : Not reported
Lat/Lon : -118.3880084 / 34.1867433
Leak Cause: Unknown
Leak Source: Unknown
Local Case # : Not reported
Beneficial: Not reported
Staff : TAS
MTBE Date : 01/01/1965
MTBE Tested : YES
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : 0.09
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : OLD CASE #900522-01
Oversight Prgm : UST
Priority : Not reported
Review Date : 01/21/2000
Stop Date : 05/15/1990
Office : Not reported
Work Suspended : Not reported
Responsible Party TOSCO MARKTING
RP Address: 3525 HYLAND AVE., COSTA MESA, CA 92626
Global Id: T0603702599
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: LOS ANGELES DEPARTMENT OF WATER AND POWER
Well Name: ERWIN WELL 08
Distance To Lust: 1533.7505779464626948546627745
Waste Discharge Global ID: W0603710067
Waste Disch Assigned Name: 01N/14W-07H01 S
Mtbe Class: Not reported
Summary: 1/21/00 MTBE INVESTIGATION, CASE CLOSED BY 12/8/99 BY LACFD, LOW SOIL
CONCENTRACTION (0.09 PPM)

LUST Region 4:

Report Date: 1/1/1990
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 916061607
Substance: Gasoline
Case Type: Soil
Status: Leak being confirmed
Region: 4
Staff: TAS

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNOCAL #6273 (Continued)

EDR ID Number
EPA ID Number

S102440130

CORTESE:

Reg Id: 916061607
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

95
WNW
1/2-1
4127
Higher

**NICKEL SOLUTION RECYCLING INC.
11940 SHERMAN ROAD
NORTH HOLLYWOOD, CA 91605**

Cal-Sites **S101480714**
N/A

CAL-SITES:

Facility ID 19290292
Status: REFOA - DOES NOT REQUIRE DTSC ACTION OR OVERSITE ACTIVITY. REFERED TO OTHER AGENCY LEAD
Status Date: 08/31/1995
Lead: Not reported
Region: 3 - BURBANK
Branch: SA - SOUTHERN CA. - A
File Name: NICKEL SOLUTION RECYCLING INC.
Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Lead Agency: N/A Not reported
NPL: Not reported
SIC: 29 MANU - PETROLEUM & COAL PRODUCTS
Facility Type: N/A
Type Name: Not reported
Staff Member Responsible for Site: JABRAHAM
Supervisor Responsible for Site: MMONROY
Region Water Control Board: LA - LOS ANGELES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

96
SSW
1/2-1
4186
Lower

**CHEVRON STATION #9-3005
11724 VICTORY
NORTH HOLLYWOOD, CA**

Cortese **S105025260**
N/A

CORTESE:

Reg Id: 3105
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

97
SE
1/2-1
4553
Lower

**FAST FUEL FACILITY (FORME
11051 VICTORY
NORTH HOLLYWOOD, CA 91606**

**Cortese S103066106
N/A**

CORTESE:

Reg Id: 916061625
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

98
SE
1/2-1
4857
Lower

**CHEVRON #9-202034
11000 VICTORY BLVD
NORTH HOLLYWOOD, CA 91606**

**LUST S103066105
Cortese N/A**

State LUST:

Cross Street:	VINELAND AVE	
Qty Leaked:	Not reported	
Case Number	916060152A	
Reg Board:	Los Angeles Region	
Chemical:	Gasoline	
Lead Agency:	Regional Board	
Local Agency :	19050	
Case Type:	Soil only	
Status:	No leak action taken by responsible party after initial report of leak	
County:	Los Angeles	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	Monitoring: Not reported
Close Date:	Not reported	
Release Date:	12/10/1999	
Cleanup Fund Id :	Not reported	
Discover Date :	/ /	
Enforcement Dt :	Not reported	
Enf Type:	Not reported	
Enter Date :	/ /	
Funding:	Not reported	
Staff Initials:	UNK	
How Discovered:	Not reported	
How Stopped:	Not reported	
Interim :	Not reported	
Lat/Lon :	-118.3703527 / 34.1864864	
Leak Cause:	Not reported	
Leak Source:	Not reported	
Local Case # :	Not reported	
Beneficial:	Not reported	
Staff :	TAS	
MTBE Date :	Not reported	
MTBE Tested :	NT	
Max MTBE GW :	Not reported	
GW Qualifies :	Not reported	
Max MTBE Soil :	Not reported	
Soil Qualifies :	Not reported	
Hydr Basin #:	Not reported	
Operator :	Not reported	
Oversight Prgm :	UST	
Priority :	Not reported	
Review Date :	01/20/2000	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON #9-202034 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103066105

Stop Date : Not reported
Office : Not reported
Work Suspended : Not reported
Responsible Party: CHEVRON STATION #9-202034
RP Address: 11000 VICTORY BLVD., NORTH HOLLYWOOD, CA 91606
Global Id: T0603702596
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 940.3533659697947835015731697
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Mtbe Class: Not reported
Summary: NO MTBE DATA, SOIL ONLY DATA.

Cross Street: VINELAND AVE
Qty Leaked: Not reported
Case Number: 916060152
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 19050
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
County: Los Angeles
Review Date: Not reported
Workplan: 04/26/1993
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 05/31/1994
Release Date: 04/26/1993
Cleanup Fund Id : Not reported
Discover Date : 11/23/1992
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 03/16/1993
Funding: Not reported
Staff Initials: UNK
How Discovered: Other Means
How Stopped: Other Means
Interim : Not reported
Lat/Lon : -118.3703527 / 34.1864864
Leak Cause: Unknown
Leak Source: Other Source
Local Case # : Not reported
Beneficial: Not reported
Staff : UNK
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported

Confirm Leak: Not reported
Prelim Assess: 04/26/1993
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CHEVRON #9-202034 (Continued)

S103066105

Operator : NICOS PETROU
Oversight Prgm : LIA
Priority : Not reported
Review Date : 07/01/1994
Stop Date : 11/23/1992
Office : Not reported
Work Suspended : Not reported
Responsible Party: CHEVRON STATION 202034
RP Address: SAME AS ABOVE
Global Id: T0603702595
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 940.3533659697947835015731697
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Mtbe Class: Not reported
Summary: Not reported

LUST Region 4:

Report Date: 4/26/1993
Lead Agency: Local Agency
Local Agency: 19050
Case Number: 916060152
Substance: Gasoline
Case Type: Soil
Status: Signed off, remedial action completed or deemed unnecessary
Region: 4
Staff: Not reported

Report Date: 12/10/1999
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 916060152A
Substance: Gasoline
Case Type: Soil
Status: Leak being confirmed
Region: 4
Staff: TAS

CORTESE:

Reg Id: 916060152
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Reg Id: 916060152A
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

99
East
1/2-1
5010
Higher

**SARKIS KRIKORIAN LEONS CO
10740 VANOWEN ST
NORTH HOLLYWOOD, CA 91605**

**LUST S104406393
Cortese N/A**

State LUST:
Cross Street: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SARKIS KRIKORIAN LEONS CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104406393

Qty Leaked: Not reported
Case Number: 916056970
Reg Board: Los Angeles Region
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency: 19050
Case Type: Soil only
Status: No leak action taken by responsible party after initial report of leak
County: Los Angeles
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 12/10/1999
Cleanup Fund Id: Not reported
Discover Date: / /
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: / /
Funding: Not reported
Staff Initials: UNK
How Discovered: Not reported
How Stopped: Not reported
Interim: Not reported
Lat/Lon: -118.3649947 / 34.1939141
Leak Cause: Not reported
Leak Source: Not reported
Local Case #: Not reported
Beneficial: Not reported
Staff: TAS
MTBE Date: 01/01/1965
MTBE Tested: YES
Max MTBE GW: Not reported
GW Qualifies: Not reported
Max MTBE Soil: 1174
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: UST
Priority: Not reported
Review Date: 01/20/2000
Stop Date: Not reported
Office: Not reported
Work Suspended: Not reported
Responsible Party: SARKIS KRIKORIAN LEONS CO
RP Address: Not reported
Global Id: T0603702588
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtb Fuel: 1
Water System Name: LOS ANGELES DEPARTMENT OF WATER AND POWER
Well Name: NORTH HOLLYWOOD AERATION TOWER OUTLET
Distance To Lust: 1127.7075240772649324116773358
Waste Discharge Global ID: W0603710067
Waste Disch Assigned Name: G19/067-SYSNHAO

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

SARKIS KRIKORIAN LEONS CO (Continued)

S104406393

Mtbe Class: Not reported
Summary: 1/20/00 MTBE POLLUTION INVESTIGATION

LUST Region 4:

Report Date: 12/10/1999
Lead Agency: Regional Board
Local Agency: 19050
Case Number: 916056970
Substance: Gasoline
Case Type: Soil
Status: Leak being confirmed
Region: 4
Staff: TAS

CORTESE:

Reg Id: 916056970
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR.	DIST.	ELEVATION
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Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

EDR Historical Gas Station & Dry Cleaner Search: No mapped sites were found in EDR's search of the EDR Historical Gas Station & Dry Cleaner Database within 0.500 mile of the Target Property.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
LOS ANGELES	S101297621	BENDIX CORP/ALLIED SIGNAL	11600 SHERMAN WY	91605	LUST	111.0180
LOS ANGELES COUNTY	S104889769	LLANO ILLEGAL DISPOSAL SITE	1 MILE SOUTH OF HWY 138 @ 190TH ST EAST		SWF/LF	19-AA-5692
NORTH HOLLYWOOD	S102860909	THE H.E.L.P. GROUP	6421 - 55 COLDWATER CANYON AVENUE	91606	Cal-Sites	19830001
NORTH HOLLYWOOD	S103949114	AL-TEC MACHINE CO	6887 FARMDALE AVE UNIT 7	91605	HAZNET	CAL000179746
NORTH HOLLYWOOD	1000250537	PACIFIC AIRMOTIVE	6853 LANKERSHIM BLVD	91605	Cal-Sites	19420025
NORTH HOLLYWOOD	S103669720	B AND M AUTO BODY	7019 LAUREL CANYON UNIT 5	91605	HAZNET	CAD983664871
NORTH HOLLYWOOD	S103992342	TOUCHSTONE PICTURES	11135 A VANOWEN	91605	HAZNET	CAC001251368
NORTH HOLLYWOOD	U001568591	VANOWEN	17 VANOWEN STREET	91605	HIST UST	
SUN VALLEY	1001491848	TRUESDALE CENTER	11791 TRUESDALE CENTER	91352	CERCLIS	

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D011	SILVER
D035	METHYL ETHYL KETONE
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/22/01

Date Made Active at EDR: 12/11/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/05/01

Elapsed ASTM days: 36

Date of Last EDR Contact: 11/05/01

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 10/22/01

Date Made Active at EDR: 12/11/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/05/01

Elapsed ASTM days: 36

Date of Last EDR Contact: 11/05/01

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/12/01

Date Made Active at EDR: 10/16/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/01

Elapsed ASTM days: 22

Date of Last EDR Contact: 12/26/01

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/12/01
Date Made Active at EDR: 10/16/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/01
Elapsed ASTM days: 22
Date of Last EDR Contact: 12/16/01

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/14/01
Date Made Active at EDR: 01/14/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/14/01
Elapsed ASTM days: 61
Date of Last EDR Contact: 11/14/01

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 06/21/00
Date Made Active at EDR: 07/31/00
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/10/00
Elapsed ASTM days: 21
Date of Last EDR Contact: 11/07/01

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00
Date Made Active at EDR: 09/06/00
Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/11/00
Elapsed ASTM days: 26
Date of Last EDR Contact: 10/25/01

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/17/01
Date of Next Scheduled EDR Contact: 03/18/02

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: NTIS

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/00
Database Release Frequency: Annually

Date of Last EDR Contact: 01/07/02
Date of Next Scheduled EDR Contact: 04/08/02

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 11/13/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/05/01
Date of Next Scheduled EDR Contact: 02/04/02

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/29/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02
Date of Next Scheduled EDR Contact: 04/08/02

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 05/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/01
Date of Next Scheduled EDR Contact: 01/21/02

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02
Date of Next Scheduled EDR Contact: 04/08/02

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/24/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/02
Date of Next Scheduled EDR Contact: 04/01/02

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/19/01
Date of Next Scheduled EDR Contact: 02/18/02

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-260-3936

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/30/01
Database Release Frequency: Annually

Date of Last EDR Contact: 11/13/01
Date of Next Scheduled EDR Contact: 02/12/02

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/11/01
Date of Next Scheduled EDR Contact: 03/11/02

TRIS: Toxic Chemical Release Inventory System

Source: EPA
Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 12/26/01
Date of Next Scheduled EDR Contact: 03/25/02

TSCA: Toxic Substances Control Act

Source: EPA
Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 10/24/01
Date of Next Scheduled EDR Contact: 01/21/02

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/01
Date of Next Scheduled EDR Contact: 03/25/02

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA
Telephone: 202-564-2501

Date of Government Version: 10/25/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/01
Date of Next Scheduled EDR Contact: 03/25/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 11/08/00

Date Made Active at EDR: 03/02/01

Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/31/01

Elapsed ASTM days: 30

Date of Last EDR Contact: 10/30/01

CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 10/01/00

Date Made Active at EDR: 11/22/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/30/00

Elapsed ASTM days: 23

Date of Last EDR Contact: 01/07/02

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94

Date Made Active at EDR: 04/24/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95

Elapsed ASTM days: 42

Date of Last EDR Contact: 11/26/01

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information

Telephone: 916-445-6532

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/01

Date Made Active at EDR: 07/26/01

Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/29/01

Elapsed ASTM days: 58

Date of Last EDR Contact: 10/30/01

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board

Telephone: 916-445-3846

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93

Date Made Active at EDR: 11/19/93

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93

Elapsed ASTM days: 18

Date of Last EDR Contact: 10/22/01

TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board

Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95

Date Made Active at EDR: 09/26/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95

Elapsed ASTM days: 27

Date of Last EDR Contact: 11/05/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board

Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/17/01

Date Made Active at EDR: 01/15/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/17/01

Elapsed ASTM days: 29

Date of Last EDR Contact: 12/17/01

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board

Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00

Date Made Active at EDR: 05/10/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00

Elapsed ASTM days: 30

Date of Last EDR Contact: 12/18/01

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board

Telephone: 916-341-5740

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/07/01

Date Made Active at EDR: 09/07/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/09/01

Elapsed ASTM days: 29

Date of Last EDR Contact: 01/04/02

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services

Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89

Date Made Active at EDR: 08/02/94

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94

Elapsed ASTM days: 6

Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities

Source: SWRCB

Telephone: 916-341-5700

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/30/01

Date Made Active at EDR: 11/14/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/05/01

Elapsed ASTM days: 9

Date of Last EDR Contact: 10/15/01

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-341-5700

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-227-4382
Registered Aboveground Storage Tanks.

Date of Government Version: 12/13/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/05/01
Date of Next Scheduled EDR Contact: 02/04/02

CLEANERS: Drycleaner Facilities

Source: Department of Toxic Substance Control
Telephone: 916-225-0873

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 07/27/01
Database Release Frequency: Annually

Date of Last EDR Contact: 01/07/02
Date of Next Scheduled EDR Contact: 04/08/02

CA WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 07/19/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/02
Date of Next Scheduled EDR Contact: 03/25/02

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency
Telephone: 916-255-1136

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 11/13/01
Date of Next Scheduled EDR Contact: 02/11/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700

Date of Government Version: 07/01/01

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/30/01

Date of Next Scheduled EDR Contact: 01/28/02

Underground Tanks

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700

Date of Government Version: 12/01/00

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/30/01

Date of Next Scheduled EDR Contact: 01/28/02

CONTRA COSTA COUNTY:

Site List

Source: Contra Costa Health Services Department

Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/01/00

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/28/01

Date of Next Scheduled EDR Contact: 03/04/02

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health

Telephone: 559-445-3271

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 11/14/01

Database Release Frequency: N/A

Date of Last EDR Contact: 11/13/01

Date of Next Scheduled EDR Contact: 02/11/02

KERN COUNTY:

Underground Storage Tank Sites & Tanks Listing

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700

Kern County Sites and Tanks Listing.

Date of Government Version: 12/20/01

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/03/01

Date of Next Scheduled EDR Contact: 03/04/02

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works

Telephone: 818-458-5185

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/16/98
Database Release Frequency: Varies

Date of Last EDR Contact: 11/19/01
Date of Next Scheduled EDR Contact: 02/18/02

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department
Telephone: 310-607-2239

Date of Government Version: 11/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/19/01
Date of Next Scheduled EDR Contact: 02/18/02

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 10/01/99
Database Release Frequency: Annually

Date of Last EDR Contact: 11/26/01
Date of Next Scheduled EDR Contact: 02/25/02

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 11/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/19/01
Date of Next Scheduled EDR Contact: 02/18/02

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 08/31/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/19/01
Date of Next Scheduled EDR Contact: 02/18/02

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 06/28/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/19/01
Date of Next Scheduled EDR Contact: 02/18/02

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/11/01
Database Release Frequency: Annually

Date of Last EDR Contact: 11/19/01
Date of Next Scheduled EDR Contact: 02/18/02

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-744-2407
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: N/A

Date of Last EDR Contact: 06/29/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/05/01
Date of Next Scheduled EDR Contact: 02/04/02

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/02
Date of Next Scheduled EDR Contact: 04/01/02

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/01/01
Database Release Frequency: Annually

Date of Last EDR Contact: 01/02/02
Date of Next Scheduled EDR Contact: 04/01/02

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/20/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/10/01
Date of Next Scheduled EDR Contact: 03/11/02

List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/25/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/10/01
Date of Next Scheduled EDR Contact: 03/11/02

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 12/10/01
Date of Next Scheduled EDR Contact: 03/11/02

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/25/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/02
Date of Next Scheduled EDR Contact: 03/25/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/05/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/22/01
Date of Next Scheduled EDR Contact: 01/21/02

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055
Date of Government Version: 08/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/22/01
Date of Next Scheduled EDR Contact: 01/21/02

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 11/21/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/05/01
Date of Next Scheduled EDR Contact: 02/04/02

ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/21/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/05/01
Date of Next Scheduled EDR Contact: 02/04/02

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/13/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/27/01
Date of Next Scheduled EDR Contact: 03/11/02

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Annually

Date of Last EDR Contact: 11/30/01
Date of Next Scheduled EDR Contact: 02/25/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division

Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 10/08/01

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02

Date of Next Scheduled EDR Contact: 04/08/02

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920

Date of Government Version: 12/01/01

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/11/01

Date of Next Scheduled EDR Contact: 03/11/02

Underground Storage Tank Information

Source: Department of Public Health

Telephone: 415-252-3920

Date of Government Version: 12/01/01

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/11/01

Date of Next Scheduled EDR Contact: 03/11/02

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921

Date of Government Version: 12/06/01

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/30/01

Date of Next Scheduled EDR Contact: 01/28/02

Business Inventory

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 05/15/01

Database Release Frequency: Annually

Date of Last EDR Contact: 10/16/01

Date of Next Scheduled EDR Contact: 01/14/02

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District

Telephone: 408-927-0710

Date of Government Version: 07/09/01

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/04/02

Date of Next Scheduled EDR Contact: 04/01/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 06/13/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/11/01
Date of Next Scheduled EDR Contact: 03/11/02

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/02
Date of Next Scheduled EDR Contact: 03/18/02

Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/02
Date of Next Scheduled EDR Contact: 03/18/02

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 07/25/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/30/01
Date of Next Scheduled EDR Contact: 01/28/02

SUTTER COUNTY:

Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/07/02
Date of Next Scheduled EDR Contact: 04/08/02

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 04/02/01
Database Release Frequency: Annually

Date of Last EDR Contact: 11/26/01
Date of Next Scheduled EDR Contact: 02/25/02

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/24/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/18/01
Date of Next Scheduled EDR Contact: 03/18/02

Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/24/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/16/01
Date of Next Scheduled EDR Contact: 01/14/02

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 11/06/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/17/01
Date of Next Scheduled EDR Contact: 03/18/02

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 11/20/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/01
Date of Next Scheduled EDR Contact: 01/21/02

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/28/01
Date of Next Scheduled EDR Contact: 02/25/02

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/18/01
Date of Next Scheduled EDR Contact: 01/14/02

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 11/19/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/19/01
Date of Next Scheduled EDR Contact: 02/18/02

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/09/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/02/02
Date of Next Scheduled EDR Contact: 04/01/02

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 09/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02
Date of Next Scheduled EDR Contact: 04/08/02

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02
Date of Next Scheduled EDR Contact: 04/08/02

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 10/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02
Date of Next Scheduled EDR Contact: 04/08/02

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 10/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/02
Date of Next Scheduled EDR Contact: 04/01/02

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 07/23/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/13/01
Date of Next Scheduled EDR Contact: 02/11/02

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 619-467-2952
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/22/01
Date of Next Scheduled EDR Contact: 01/21/02

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 02/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/28/01
Date of Next Scheduled EDR Contact: 02/25/02

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/15/01
Date of Next Scheduled EDR Contact: 01/14/02

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/19/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/15/01
Date of Next Scheduled EDR Contact: 01/14/02

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/13/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/29/01
Date of Next Scheduled EDR Contact: 01/28/02

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 06/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/07/02
Date of Next Scheduled EDR Contact: 04/08/02

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 07/19/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/07/02
Date of Next Scheduled EDR Contact: 04/08/02

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 06/11/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/08/02
Date of Next Scheduled EDR Contact: 04/08/02

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 07/01/01
Database Release Frequency: Annually

Date of Last EDR Contact: 12/03/01
Date of Next Scheduled EDR Contact: 03/04/02

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning and gas station/filling station/service station establishments. The categories reviewed included, but were not limited to: *gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc.*

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full historical investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(A note on "dry cleaning" sites: it is not possible for EDR to differentiate between establishments that use PERC on-site as a cleaning solvent and sites that function simply as drop-off and pick-up locations or that are traditional wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

E/M COATINGS, INC.
6940 FARMDALE AVENUE
NORTH HOLLYWOOD, CA 91605

TARGET PROPERTY COORDINATES

Latitude (North):	34.196301 - 34° 11' 46.7"
Longitude (West):	118.381302 - 118° 22' 52.7"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	372726.7
UTM Y (Meters):	3784589.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2434118-B4 VAN NUYS, CA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General SSE

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	FEMA Flood
LOS ANGELES, CA	<u>Electronic Data</u>
	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0601370031C / CBPP

Additional Panels in search area:

0601370030C / CBPP
0650180005B / CBPP
0601370040C / CBPP
0601370039C / CBPP

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	NWI Electronic
VAN NUYS	<u>Data Coverage</u>
	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
Status: Not found

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subinvariant soil types may appear within the general area of target property.

Soil Surface Textures: loam
clay
silt loam
clay loam
sandy loam
gravelly - sandy loam
loamy sand
fine sand
coarse sand
sand
gravelly - sand

Surficial Soil Types: loam
clay
silt loam
clay loam
sandy loam
gravelly - sandy loam
loamy sand
fine sand
coarse sand
sand
gravelly - sand

Shallow Soil Types: fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types: stratified

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

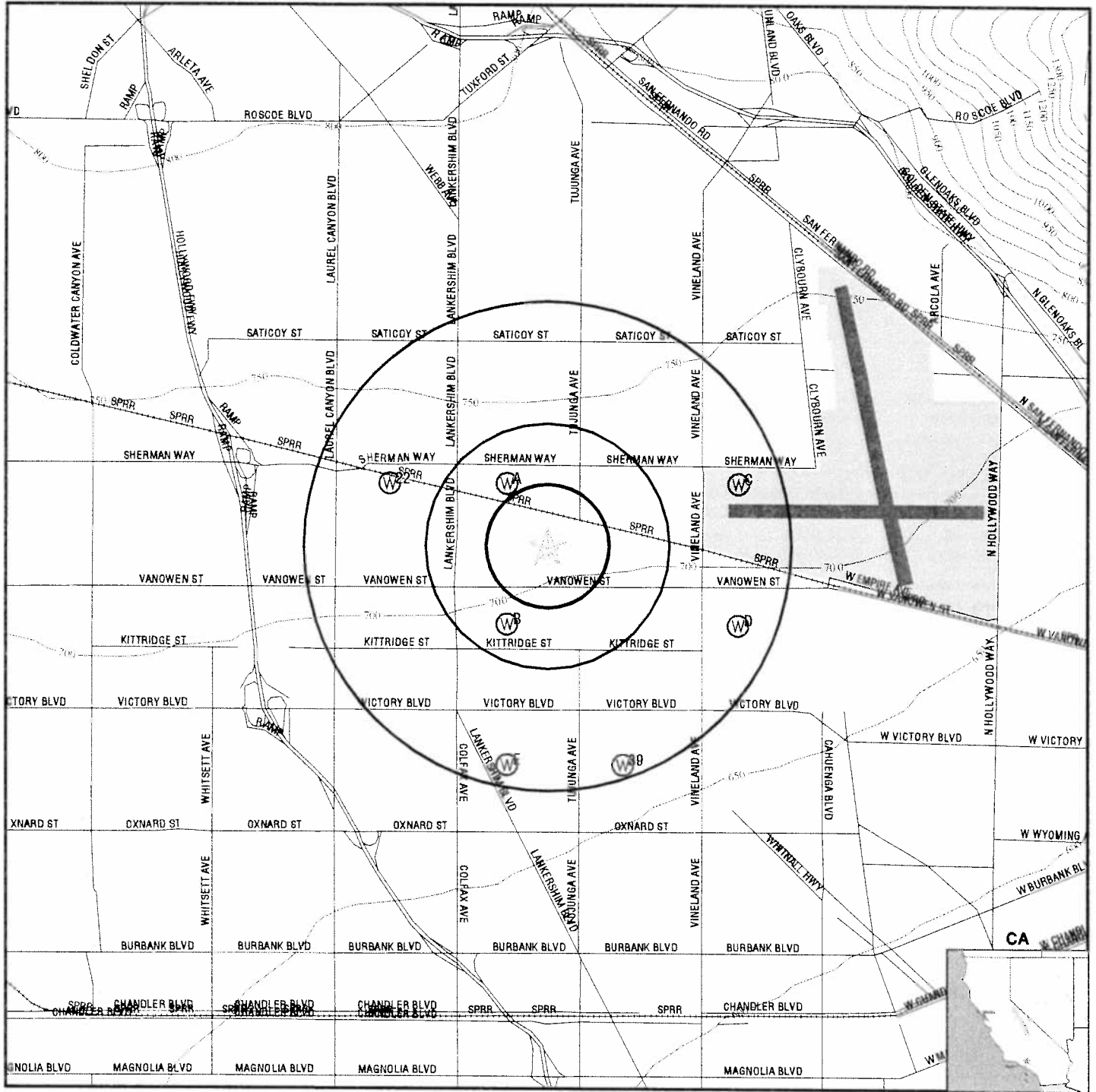
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	543	1/4 - 1/2 Mile NNW
A2	544	1/4 - 1/2 Mile NNW
A3	541	1/4 - 1/2 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A4	542	1/4 - 1/2 Mile NNW
A5	545	1/4 - 1/2 Mile NNW
A6	548	1/4 - 1/2 Mile NNW
A7	551	1/4 - 1/2 Mile NNW
A8	546	1/4 - 1/2 Mile NNW
A9	547	1/4 - 1/2 Mile NNW
A10	533	1/4 - 1/2 Mile NNW
A11	534	1/4 - 1/2 Mile NNW
A12	531	1/4 - 1/2 Mile NNW
A13	532	1/4 - 1/2 Mile NNW
A14	538	1/4 - 1/2 Mile NNW
A15	539	1/4 - 1/2 Mile NNW
A16	537	1/4 - 1/2 Mile NNW
A17	540	1/4 - 1/2 Mile NNW
B18	549	1/4 - 1/2 Mile SSW
B19	535	1/4 - 1/2 Mile SSW
B20	536	1/4 - 1/2 Mile SSW
B21	550	1/4 - 1/2 Mile SSW
22	530	1/2 - 1 Mile WNW
C23	529	1/2 - 1 Mile ENE
C24	528	1/2 - 1 Mile ENE
C25	555	1/2 - 1 Mile ENE
C26	556	1/2 - 1 Mile ENE
C27	559	1/2 - 1 Mile ENE
C28	561	1/2 - 1 Mile ENE
C29	527	1/2 - 1 Mile ENE
C30	557	1/2 - 1 Mile ENE
D31	22816	1/2 - 1 Mile ESE
D32	22818	1/2 - 1 Mile ESE
D33	560	1/2 - 1 Mile ESE
D34	22817	1/2 - 1 Mile ESE
D35	558	1/2 - 1 Mile ESE
E36	554	1/2 - 1 Mile South
E37	553	1/2 - 1 Mile South
E38	552	1/2 - 1 Mile South
39	562	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 729535.2s



- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY: E/M Coatings, Inc.
 ADDRESS: 6940 Farmdale Avenue
 CITY/STATE/ZIP: North Hollywood CA 91605
 LAT/LONG: 34.1963 / 118.3813

CUSTOMER: Tetra Tech, Inc.
 CONTACT: Phil Skorge
 INQUIRY #: 729535.2s
 DATE: January 30, 2002 6:57 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 543

Water System Information:

Prime Station Code:	01N/14W-06Q03 S	User ID:	MET
FRDS Number:	1910067075	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 14-A - INACTIVE		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		

Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	01/14/1985	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/14/1985	Findings:	3.300 UG/L
Chemical:	1,3-DICHLOROBENZENE		
Sample Collected:	01/14/1985	Findings:	46.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/20/1985	Findings:	1.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/20/1985	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/20/1985	Findings:	112.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/20/1985	Findings:	5.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/07/1986	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/07/1986	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/07/1986	Findings:	3.300 UG/L
Chemical:	1,4-DICHLOROBENZENE		
Sample Collected:	07/07/1986	Findings:	2.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	07/07/1986	Findings:	39.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/02/1987	Findings:	3.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/02/1987	Findings:	.600 UG/L
Chemical:	BENZENE		
Sample Collected:	06/02/1987	Findings:	.900 UG/L
Chemical:	DICHLOROMETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/02/1987	Findings:	9.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/02/1987	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/02/1987	Findings:	1.200 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	06/02/1987	Findings:	52.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/02/1987	Findings:	3.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

A2
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 544

Water System Information:

Prime Station Code:	01N/14W-06Q05 S	User ID:	MET
FRDS Number:	1910067090	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 29 - INACTIVE		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

A3
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 541

Water System Information:

Prime Station Code:	01N/14W-06P02 S	User ID:	MET
FRDS Number:	1910067092	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 31 - INACTIVE		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	04/30/1985	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/30/1985	Findings:	1.500 UG/L
Chemical:	1,2-DICHLOROBENZENE		
Sample Collected:	04/30/1985	Findings:	4.300 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/13/1987	Findings:	3.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/01/1987	Findings:	3.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/05/1987	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/05/1987	Findings:	2.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/01/1987	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/01/1987	Findings:	2.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/08/1988	Findings:	2.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/02/1988	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/02/1988	Findings:	3.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/24/1988	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/24/1988	Findings:	3.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/01/1988	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/01/1988	Findings:	2.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/05/1988	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/05/1988	Findings:	2.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/15/1988	Findings:	2.500 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	08/15/1988	Findings:	2.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/08/1988	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/08/1988	Findings:	2.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/03/1988	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/03/1988	Findings:	2.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/29/1989	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/29/1989	Findings:	566.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/29/1989	Findings:	7.550
Chemical:	PH (LABORATORY)		
Sample Collected:	08/29/1989	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/29/1989	Findings:	224.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/29/1989	Findings:	264.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/29/1989	Findings:	73.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/29/1989	Findings:	13.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/29/1989	Findings:	24.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/29/1989	Findings:	3.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/29/1989	Findings:	16.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/29/1989	Findings:	.370 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/29/1989	Findings:	353.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/29/1989	Findings:	37.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/29/1989	Findings:	.500 NTU
Chemical:	TURBIDITY (LAB)		

A4
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 542

Water System Information:

Prime Station Code:	01N/14W-06Q01 S	User ID:	MET
FRDS Number:	1910067074	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 13 - INACTIVE		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	01/14/1985	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/14/1985	Findings:	1.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/14/1985	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/14/1985	Findings:	81.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/14/1985	Findings:	3.700 UG/L
Chemical:	CARBON TETRACHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/14/1985	Findings:	5.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/14/1985	Findings:	6.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/14/1985	Findings:	285.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/14/1985	Findings:	2.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/03/1988	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		

A5
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 545

Water System Information:

Prime Station Code:	01N/14W-06Q07 S	User ID:	MET
FRDS Number:	1910067099	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 38 - INACTIVE		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	08/12/1987	Findings:	42.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/10/1987	Findings:	2.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/05/1987	Findings:	15.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/06/1987	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/05/1987	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/04/1988	Findings:	7.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/03/1988	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/02/1988	Findings:	11.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/04/1988	Findings:	3.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/09/1989	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/09/1989	Findings:	41.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 05/09/1989 Findings: .700 UG/L
Chemical: TOTAL TRIHALOMETHANES

A6
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 548

Water System Information:

Prime Station Code:	01N/14W-06R07 S	User ID:	MET
FRDS Number:	1910067089	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 28 - INACTIVE		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	04/10/1992	Findings:	1.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/21/1993	Findings:	1.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/22/1993	Findings:	3.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/23/1993	Findings:	3.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/26/1993	Findings:	2.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/15/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/15/1995	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/15/1995	Findings:	572.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/15/1995	Findings:	7.380
Chemical:	PH (LABORATORY)		
Sample Collected:	03/15/1995	Findings:	206.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/15/1995	Findings:	251.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/15/1995	Findings:	.070 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/15/1995	Findings:	257.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/15/1995	Findings:	75.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/15/1995	Findings:	13.400 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/15/1995	Findings:	25.500 MG/L
Chemical:	SODIUM		
Sample Collected:	03/15/1995	Findings:	20.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/15/1995	Findings:	.560 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/15/1995	Findings:	19.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/15/1995	Findings:	105.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/15/1995	Findings:	.270 UG/L
Chemical:	BORON		
Sample Collected:	03/15/1995	Findings:	6.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/15/1995	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/15/1995	Findings:	6.900 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/15/1995	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/15/1995	Findings:	.520 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	03/15/1995	Findings:	.880 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/15/1995	Findings:	3.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/15/1995	Findings:	6.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	03/15/1995	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/15/1995	Findings:	368.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/15/1995	Findings:	.010
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/15/1995	Findings:	23.830 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/15/1995	Findings:	2.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/15/1995	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/15/1995	Findings:	.210 MG/L
Chemical:	BROMIDE		
Sample Collected:	03/15/1995	Findings:	5380.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/09/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/09/1995	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/09/1995	Findings:	490.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/09/1995	Findings:	7.370
Chemical:	PH (LABORATORY)		
Sample Collected:	05/09/1995	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	05/09/1995	Findings:	224.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/09/1995	Findings:	.070 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/09/1995	Findings:	200.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	05/09/1995	Findings:	63.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/09/1995	Findings:	11.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/09/1995	Findings:	25.100 MG/L
Chemical:	SODIUM		
Sample Collected:	05/09/1995	Findings:	12.220 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/09/1995	Findings:	.370 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/09/1995	Findings:	26.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/09/1995	Findings:	145.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/09/1995	Findings:	.210 UG/L
Chemical:	BORON		
Sample Collected:	05/09/1995	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/09/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/09/1995	Findings:	5.500 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/09/1995	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/09/1995	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/09/1995	Findings:	311.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/09/1995	Findings:	-.110
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/09/1995	Findings:	6.380 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	05/09/1995	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/09/1995	Findings:	1440.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/19/1996	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	11/19/1996	Findings:	15.000 UNITS
Chemical:	COLOR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/19/1996	Findings:	336.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/19/1996	Findings:	7.860
Chemical:	PH (LABORATORY)		
Sample Collected:	11/19/1996	Findings:	90.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	11/19/1996	Findings:	110.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/19/1996	Findings:	.100 MG/L
Chemical:	AMMONIA (NH ₃ -N)		
Sample Collected:	11/19/1996	Findings:	.010 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	11/19/1996	Findings:	83.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	11/19/1996	Findings:	21.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/19/1996	Findings:	4.490 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	11/19/1996	Findings:	36.200 MG/L
Chemical:	SODIUM		
Sample Collected:	11/19/1996	Findings:	4.180 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/19/1996	Findings:	29.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/19/1996	Findings:	.760 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/19/1996	Findings:	2.300 MG/L
Chemical:	SILICA		
Sample Collected:	11/19/1996	Findings:	.430 UG/L
Chemical:	BORON		
Sample Collected:	11/19/1996	Findings:	554.000 UG/L
Chemical:	IRON		
Sample Collected:	11/19/1996	Findings:	21.700 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/19/1996	Findings:	163.000 UG/L
Chemical:	ZINC		
Sample Collected:	11/19/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/19/1996	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	11/19/1996	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/19/1996	Findings:	2.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/19/1996	Findings:	17.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/19/1996	Findings:	176.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/19/1996	Findings:	.050
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/19/1996	Findings:	2.170 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/19/1996	Findings:	.024 UG/L
Chemical:	IODIDE		
Sample Collected:	11/19/1996	Findings:	1.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/19/1996	Findings:	1.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/19/1996	Findings:	490.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/09/1996	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/09/1996	Findings:	6.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/09/1996	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/14/1997	Findings:	150.000 UG/L
Chemical:	IRON		
Sample Collected:	01/14/1997	Findings:	2.420 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/30/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/30/1997	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/30/1997	Findings:	6.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	01/30/1997	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/18/1997	Findings:	1.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/16/1997	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/16/1997	Findings:	6.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	04/16/1997	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	04/16/1997	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/16/1997	Findings:	2.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	1.100 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	05/20/1997	Findings:	13.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	12.630 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/20/1997	Findings:	2850.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/06/1997	Findings:	3.160 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/06/1997	Findings:	.520 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/06/1997	Findings:	.520 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	06/06/1997	Findings:	1.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/06/1997	Findings:	28.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/06/1997	Findings:	.860 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/28/1997	Findings:	5.770 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1997	Findings:	2.050 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1997	Findings:	7.300 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	07/28/1997	Findings:	2.030 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/28/1997	Findings:	.560 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	07/28/1997	Findings:	.650 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	07/28/1997	Findings:	11.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/28/1997	Findings:	.740 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	07/28/1997	Findings:	3.200 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	07/28/1997	Findings:	44.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/28/1997	Findings:	2.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/14/1997	Findings:	120.000 UG/L
Chemical:	IRON		
Sample Collected:	08/14/1997	Findings:	9.450 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/14/1997	Findings:	.640 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	08/14/1997	Findings:	5.720 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	08/14/1997	Findings:	31.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/14/1997	Findings:	2.990 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	6.420 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	1.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/08/1997	Findings:	26.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	23.610 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/08/1997	Findings:	2.170 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	5330.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/22/1997	Findings:	.590 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/22/1997	Findings:	10.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/22/1997	Findings:	.540 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	10/22/1997	Findings:	.750 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/22/1997	Findings:	7.720 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/22/1997	Findings:	36.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/22/1997	Findings:	28.660 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/22/1997	Findings:	3.590 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/22/1997	Findings:	.590 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/22/1997	Findings:	6470.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/10/1997	Findings:	684.000 UG/L
Chemical:	IRON		
Sample Collected:	11/10/1997	Findings:	.520 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/10/1997	Findings:	.690 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/10/1997	Findings:	13.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/10/1997	Findings:	.720 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	11/10/1997	Findings:	.660 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	11/10/1997	Findings:	8.960 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/10/1997	Findings:	41.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/10/1997	Findings:	4.430 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/10/1997	Findings:	.690 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/08/1997	Findings:	7.110 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/08/1997	Findings:	.620 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	12/08/1997	Findings:	6.040 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/08/1997	Findings:	16.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/08/1997	Findings:	2.860 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

A7
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 551

Water System Information:

Prime Station Code:	01N/14W-07A01 S	User ID:	MET
FRDS Number:	1910067146	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	WHITNALL WELL 01 - INACTIVE		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

A8
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 546

Water System Information:

Prime Station Code:	01N/14W-06R01 S	User ID:	MET
FRDS Number:	1910067073	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 11 - INACTIVE		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/21/1993	Findings:	2.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/22/1993	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/22/1993	Findings:	3.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/23/1993	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/23/1993	Findings:	3.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/27/1993	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/27/1993	Findings:	2.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/09/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/09/1995	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/09/1995	Findings:	490.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/09/1995	Findings:	7.200
Chemical:	PH (LABORATORY)		
Sample Collected:	05/09/1995	Findings:	185.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	05/09/1995	Findings:	226.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/09/1995	Findings:	.090 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/09/1995	Findings:	209.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	05/09/1995	Findings:	60.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/09/1995	Findings:	13.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/09/1995	Findings:	25.200 MG/L
Chemical:	SODIUM		
Sample Collected:	05/09/1995	Findings:	12.740 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/09/1995	Findings:	.440 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/09/1995	Findings:	25.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/09/1995	Findings:	131.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/09/1995	Findings:	.200 UG/L
Chemical:	BORON		
Sample Collected:	05/09/1995	Findings:	6.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/09/1995	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/09/1995	Findings:	4.800 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/09/1995	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/09/1995	Findings:	.550 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	05/09/1995	Findings:	.410 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/09/1995	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/09/1995	Findings:	1.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/09/1995	Findings:	301.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/09/1995	Findings:	- .310
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/09/1995	Findings:	8.060 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/09/1995	Findings:	.150 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/09/1995	Findings:	1820.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/19/1996	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	11/19/1996	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	11/19/1996	Findings:	628.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/19/1996	Findings:	7.210
Chemical:	PH (LABORATORY)		
Sample Collected:	11/19/1996	Findings:	215.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	11/19/1996	Findings:	262.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/19/1996	Findings:	.050 MG/L
Chemical:	AMMONIA (NH3-N)		
Sample Collected:	11/19/1996	Findings:	.040 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	11/19/1996	Findings:	280.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	11/19/1996	Findings:	68.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/19/1996	Findings:	15.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	11/19/1996	Findings:	25.300 MG/L
Chemical:	SODIUM		
Sample Collected:	11/19/1996	Findings:	3.390 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/19/1996	Findings:	20.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/19/1996	Findings:	.570 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/19/1996	Findings:	22.700 MG/L
Chemical:	SILICA		
Sample Collected:	11/19/1996	Findings:	.250 UG/L
Chemical:	BORON		
Sample Collected:	11/19/1996	Findings:	6.000 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/19/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/19/1996	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	11/19/1996	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/19/1996	Findings:	.200 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	11/19/1996	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	11/19/1996	Findings:	5.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/19/1996	Findings:	19.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/19/1996	Findings:	382.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/19/1996	Findings:	.180
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	11/19/1996	Findings:	23.920 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/19/1996	Findings:	2.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/19/1996	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/19/1996	Findings:	5400.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/30/1997	Findings:	4.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/30/1997	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/30/1997	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	01/30/1997	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/18/1997	Findings:	1.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/22/1997	Findings:	4.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/22/1997	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/22/1997	Findings:	7.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/22/1997	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/22/1997	Findings:	3.960 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/22/1997	Findings:	2.350 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	05/22/1997	Findings:	25.800 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/22/1997	Findings:	17.450 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/22/1997	Findings:	1.020 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/22/1997	Findings:	3940.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	08/14/1997	Findings:	7.850 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/14/1997	Findings:	2.320 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/14/1997	Findings:	9.550 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	08/14/1997	Findings:	2.200 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/14/1997	Findings:	1.430 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	08/14/1997	Findings:	.780 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	09/08/1997	Findings:	.690 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/08/1997	Findings:	11.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	.630 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	09/08/1997	Findings:	.630 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	1.040 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	09/08/1997	Findings:	5.360 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/08/1997	Findings:	58.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	34.690 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/08/1997	Findings:	4.070 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	.690 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/08/1997	Findings:	7830.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/10/1997	Findings:	.660 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/10/1997	Findings:	.880 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/10/1997	Findings:	16.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/10/1997	Findings:	.840 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	11/10/1997	Findings:	.630 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/10/1997	Findings:	.980 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	11/10/1997	Findings:	12.400 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/10/1997	Findings:	48.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/10/1997	Findings:	4.870 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/10/1997	Findings:	.880 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/20/1997	Findings:	46.070 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/20/1997	Findings:	10400.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/08/1997	Findings:	1.220 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/08/1997	Findings:	18.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/08/1997	Findings:	.840 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	12/08/1997	Findings:	.590 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/08/1997	Findings:	.940 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/08/1997	Findings:	1.390 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	12/08/1997	Findings:	9.500 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/08/1997	Findings:	51.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/08/1997	Findings:	4.560 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/08/1997	Findings:	1.220 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

A9
NNW
 1/4 - 1/2 Mile
 Higher

CA WELLS 547

Water System Information:

Prime Station Code:	01N/14W-06R05 S	User ID:	MET
FRDS Number:	1910067088	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 27		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910067
 System Name: LOS ANGELES-CITY, DEPT. OF WATER & POWER
 Organization That Operates System:

P.O. BOX 51111, ROOM 1420
 LOS ANGELES, CA 90051

Pop Served: 3700000 Connections: 657422
 Area Served: LOS ANGELES

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	11/01/1987	Findings:	1.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/04/1988	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/01/1988	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/03/1988	Findings:	1.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/02/1988	Findings:	2.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/01/1988	Findings:	1.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/03/1989	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/03/1989	Findings:	3.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/01/1989	Findings:	2.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/01/1989	Findings:	2.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/05/1989	Findings:	3.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/05/1989	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/05/1989	Findings:	2.600 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	04/05/1989	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	04/05/1989	Findings:	2.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/26/1989	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	04/26/1989	Findings:	494.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/26/1989	Findings:	7.980
Chemical:	PH (LABORATORY)		
Sample Collected:	04/26/1989	Findings:	170.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	04/26/1989	Findings:	207.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/26/1989	Findings:	214.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/26/1989	Findings:	63.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/26/1989	Findings:	14.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/26/1989	Findings:	24.000 MG/L
Chemical:	SODIUM		
Sample Collected:	04/26/1989	Findings:	3.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/26/1989	Findings:	12.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/26/1989	Findings:	.290 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	04/26/1989	Findings:	338.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/26/1989	Findings:	15.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/26/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/01/1989	Findings:	2.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/01/1989	Findings:	10.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/01/1989	Findings:	6.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/06/1989	Findings:	1.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/11/1989	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/11/1989	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/11/1989	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/11/1989	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/11/1989	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/05/1989	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/05/1989	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/05/1989	Findings:	6.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/05/1989	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/23/1997	Findings:	.580 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/23/1997	Findings:	.630 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/23/1997	Findings:	51.900 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/23/1997	Findings:	.830 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	09/23/1997	Findings:	1.060 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	09/23/1997	Findings:	1.180 UG/L
Chemical:	1,2-DICHLOROPROPANE		
Sample Collected:	09/23/1997	Findings:	5.670 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/23/1997	Findings:	23.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/23/1997	Findings:	28.350 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/23/1997	Findings:	4.880 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/23/1997	Findings:	.630 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/23/1997	Findings:	6400.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/14/1997	Findings:	13.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/14/1997	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	11/14/1997	Findings:	9.420 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/14/1997	Findings:	8.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/14/1997	Findings:	4.320 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/10/1997	Findings:	20.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/10/1997	Findings:	.760 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	12/10/1997	Findings:	9.710 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/10/1997	Findings:	12.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/10/1997	Findings:	25.650 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/10/1997	Findings:	4.080 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/10/1997	Findings:	5790.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

A10
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 533

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	01N/14W-06K03 S	User ID:	MET
FRDS Number:	1910067102	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 41		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/03/1987	Findings:	5.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/05/1987	Findings:	6.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/01/1987	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/04/1988	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/04/1988	Findings:	43.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/14/1989	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/14/1989	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1989	Findings:	16.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/14/1989	Findings:	2.500 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/14/1989	Findings:	1.500 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/14/1989	Findings:	32.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/05/1989	Findings:	24.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/19/1989	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/19/1989	Findings:	73.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/19/1989	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/19/1989	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/19/1989	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/19/1989	Findings:	1.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/19/1989	Findings:	35.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/19/1989	Findings:	4.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/19/1989	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/19/1989	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/19/1989	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/01/1990	Findings:	18.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/24/1990	Findings:	16.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/24/1990	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/24/1990	Findings:	578.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/24/1990	Findings:	7.400
Chemical:	FIELD PH		
Sample Collected:	05/24/1990	Findings:	7.570
Chemical:	PH (LABORATORY)		
Sample Collected:	05/24/1990	Findings:	190.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/24/1990	Findings:	320.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/24/1990	Findings:	70.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/24/1990	Findings:	13.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/24/1990	Findings:	26.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/24/1990	Findings:	3.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/24/1990	Findings:	16.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/24/1990	Findings:	.530 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/24/1990	Findings:	3.000 UG/L
Chemical:	CADMIUM		
Sample Collected:	05/24/1990	Findings:	25.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/24/1990	Findings:	304.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/24/1990	Findings:	- .200
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/24/1990	Findings:	20.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/24/1990	Findings:	.400 NTU
Chemical:	TURBIDITY (LAB)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/20/1992	Findings:	8.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/12/1993	Findings:	2.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1994	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/18/1994	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/18/1994	Findings:	25.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1994	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/10/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/10/1995	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/10/1995	Findings:	555.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/10/1995	Findings:	7.370
Chemical:	PH (LABORATORY)		
Sample Collected:	05/10/1995	Findings:	192.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	05/10/1995	Findings:	234.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/10/1995	Findings:	.090 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/10/1995	Findings:	233.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	05/10/1995	Findings:	71.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/10/1995	Findings:	15.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/10/1995	Findings:	26.200 MG/L
Chemical:	SODIUM		
Sample Collected:	05/10/1995	Findings:	15.550 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/10/1995	Findings:	.410 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/10/1995	Findings:	25.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/10/1995	Findings:	163.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/10/1995	Findings:	.150 UG/L
Chemical:	BORON		
Sample Collected:	05/10/1995	Findings:	5.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/10/1995	Findings:	3.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/10/1995	Findings:	5.400 PCI/L
Chemical:	GROSS BETA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/10/1995	Findings:	1.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/10/1995	Findings:	29.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/10/1995	Findings:	414.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/10/1995	Findings:	- .060
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/10/1995	Findings:	14.710 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/10/1995	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/10/1995	Findings:	3320.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/26/1995	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/26/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/26/1995	Findings:	10.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/26/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/26/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	09/26/1995	Findings:	6.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	1.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/22/1996	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	140.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	1.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	1.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/17/1996	Findings:	1.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/17/1996	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/17/1996	Findings:	134.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/17/1996	Findings:	1.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/17/1996	Findings:	1.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/31/1997	Findings:	2.300 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/31/1997	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/31/1997	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	01/31/1997	Findings:	141.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/31/1997	Findings:	2.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/31/1997	Findings:	2.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/11/1997	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/11/1997	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/11/1997	Findings:	80.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/11/1997	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/11/1997	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/15/1997	Findings:	1.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/15/1997	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/15/1997	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/15/1997	Findings:	137.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/15/1997	Findings:	2.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/15/1997	Findings:	1.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/20/1997	Findings:	2.150 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/20/1997	Findings:	3.110 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	1.340 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	150.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	22.950 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/20/1997	Findings:	2.520 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	2.150 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/20/1997	Findings:	5180.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/06/1997	Findings:	2.080 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/06/1997	Findings:	3.310 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/06/1997	Findings:	1.390 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/06/1997	Findings:	104.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/06/1997	Findings:	2.350 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/06/1997	Findings:	2.080 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/14/1997	Findings:	2.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/14/1997	Findings:	3.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	135.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	2.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	2.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/20/1997	Findings:	2.190 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/20/1997	Findings:	4.850 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/20/1997	Findings:	.620 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	08/20/1997	Findings:	1.590 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/20/1997	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	08/20/1997	Findings:	2.720 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	08/20/1997	Findings:	135.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/20/1997	Findings:	3.670 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/20/1997	Findings:	2.190 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/08/1997	Findings:	1.480 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/08/1997	Findings:	3.880 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	.870 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	1.150 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/08/1997	Findings:	125.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/08/1997	Findings:	2.620 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	1.480 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/21/1997	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/21/1997	Findings:	4.310 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	.790 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	2.290 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/21/1997	Findings:	103.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	21.490 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/21/1997	Findings:	2.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/21/1997	Findings:	4850.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/14/1997	Findings:	.950 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/14/1997	Findings:	4.020 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/14/1997	Findings:	.710 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/14/1997	Findings:	2.420 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/14/1997	Findings:	96.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/14/1997	Findings:	2.420 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/14/1997	Findings:	.950 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/10/1997	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/10/1997	Findings:	4.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/10/1997	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/10/1997	Findings:	26.800 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/10/1997	Findings:	92.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/10/1997	Findings:	2.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/10/1997	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A11
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 534

Water System Information:

Prime Station Code:	01N/14W-06K04 S	User ID:	MET
FRDS Number:	1910067103	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 42		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		

Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	10/26/1987	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/14/1989	Findings:	3.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/14/1989	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1989	Findings:	24.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/14/1989	Findings:	3.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/14/1989	Findings:	.400 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/14/1989	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/14/1989	Findings:	5.900 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	06/14/1989	Findings:	20.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/14/1989	Findings:	30.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/19/1989	Findings:	14.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	09/19/1989	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	09/19/1989	Findings:	641.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/19/1989	Findings:	7.600
Chemical:	FIELD PH		
Sample Collected:	09/19/1989	Findings:	7.640
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/19/1989	Findings:	224.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	09/19/1989	Findings:	273.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/19/1989	Findings:	290.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	09/19/1989	Findings:	85.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/19/1989	Findings:	19.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/19/1989	Findings:	29.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/19/1989	Findings:	3.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/19/1989	Findings:	24.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/19/1989	Findings:	.510 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/19/1989	Findings:	200.000 UG/L
Chemical:	BARIUM		
Sample Collected:	09/19/1989	Findings:	427.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/19/1989	Findings:	.100
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	09/19/1989	Findings:	58.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	09/19/1989	Findings:	.500 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/19/1989	Findings:	3.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/19/1989	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/19/1989	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/19/1989	Findings:	1.300 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	09/19/1989	Findings:	.200 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	12/26/1989	Findings:	6.100 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/26/1989	Findings:	20.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/26/1989	Findings:	4.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/26/1989	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/26/1989	Findings:	8.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/26/1989	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/14/1990	Findings:	4.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/24/1990	Findings:	16.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/20/1992	Findings:	7.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/03/1993	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/12/1993	Findings:	.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/12/1993	Findings:	.700 UG/L
Chemical:	XYLENES (TOTAL)		
Sample Collected:	05/12/1993	Findings:	.700 UG/L
Chemical:	M,P-XYLENE		
Sample Collected:	07/28/1995	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1995	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1995	Findings:	7.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	07/28/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/28/1995	Findings:	30.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/22/1996	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	58.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/17/1996	Findings:	1.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/17/1996	Findings:	5.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/17/1996	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/17/1996	Findings:	2.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/17/1996	Findings:	179.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/17/1996	Findings:	2.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/17/1996	Findings:	1.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/31/1997	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/31/1997	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/31/1997	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	01/31/1997	Findings:	61.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/31/1997	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/31/1997	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/11/1997	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/11/1997	Findings:	21.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/15/1997	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/15/1997	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/15/1997	Findings:	48.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/15/1997	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	1.540 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/20/1997	Findings:	2.940 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	1.320 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	142.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	23.480 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/20/1997	Findings:	2.120 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	1.540 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/20/1997	Findings:	5300.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/06/1997	Findings:	3.510 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/06/1997	Findings:	4.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/06/1997	Findings:	.530 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	06/06/1997	Findings:	2.610 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/06/1997	Findings:	.890 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	06/06/1997	Findings:	242.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/06/1997	Findings:	4.080 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/06/1997	Findings:	3.510 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/14/1997	Findings:	4.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/14/1997	Findings:	5.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	07/14/1997	Findings:	2.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	1.300 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	07/14/1997	Findings:	350.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	6.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	4.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/20/1997	Findings:	.750 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	08/20/1997	Findings:	5.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/20/1997	Findings:	4.950 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/20/1997	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	08/20/1997	Findings:	3.210 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/20/1997	Findings:	1.820 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	08/20/1997	Findings:	1.490 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	08/20/1997	Findings:	340.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/20/1997	Findings:	7.440 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/20/1997	Findings:	5.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/08/1997	Findings:	3.910 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/08/1997	Findings:	3.850 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	.720 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	09/08/1997	Findings:	1.830 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	.910 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/08/1997	Findings:	341.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	5.330 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/08/1997	Findings:	3.910 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/21/1997	Findings:	4.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/21/1997	Findings:	4.950 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	.870 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	10/21/1997	Findings:	1.940 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	1.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/21/1997	Findings:	1.760 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/21/1997	Findings:	336.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	29.770 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/21/1997	Findings:	5.550 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	4.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/21/1997	Findings:	6720.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/14/1997	Findings:	4.790 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/14/1997	Findings:	5.240 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/14/1997	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	11/14/1997	Findings:	2.380 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/14/1997	Findings:	1.470 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	11/14/1997	Findings:	1.330 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/14/1997	Findings:	396.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/14/1997	Findings:	6.310 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/14/1997	Findings:	4.790 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/10/1997	Findings:	3.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/10/1997	Findings:	4.000 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/10/1997	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	12/10/1997	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/10/1997	Findings:	1.200 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/10/1997	Findings:	8.800 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/10/1997	Findings:	248.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/10/1997	Findings:	4.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/10/1997	Findings:	3.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

A12
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 531

Water System Information:

Prime Station Code:	01N/14W-06K01 S	User ID:	MET
FRDS Number:	1910067100	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 39		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/10/1987	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/10/1987	Findings:	34.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/05/1987	Findings:	39.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/04/1988	Findings:	36.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/09/1989	Findings:	8.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/09/1989	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/09/1989	Findings:	19.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/09/1989	Findings:	2.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/09/1989	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/29/1989	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/29/1989	Findings:	566.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/29/1989	Findings:	7.550
Chemical:	PH (LABORATORY)		
Sample Collected:	08/29/1989	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/29/1989	Findings:	224.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/29/1989	Findings:	264.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/29/1989	Findings:	73.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/29/1989	Findings:	13.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/29/1989	Findings:	24.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/29/1989	Findings:	3.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/29/1989	Findings:	16.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/29/1989	Findings:	.370 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/29/1989	Findings:	40.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/29/1989	Findings:	353.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/29/1989	Findings:	37.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/29/1989	Findings:	.500 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/29/1989	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/29/1989	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/29/1989	Findings:	1.200 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/29/1989	Findings:	24.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/29/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/29/1989	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/29/1989	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/14/1990	Findings:	20.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/14/1990	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A13
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 532

Water System Information:

Prime Station Code:	01N/14W-06K02 S	User ID:	MET
FRDS Number:	1910067101	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 40		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/01/1987	Findings:	5.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/05/1987	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/05/1987	Findings:	24.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/14/1989	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1989	Findings:	11.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/14/1989	Findings:	1.800 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/07/1989	Findings:	7.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/12/1989	Findings:	32.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/12/1989	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/12/1989	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/12/1989	Findings:	.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/19/1989	Findings:	22.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/19/1989	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/19/1989	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/06/1990	Findings:	19.000 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/06/1990	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/06/1990	Findings:	424.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/06/1990	Findings:	8.100
Chemical:	FIELD PH		
Sample Collected:	03/06/1990	Findings:	7.670
Chemical:	PH (LABORATORY)		
Sample Collected:	03/06/1990	Findings:	180.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/06/1990	Findings:	187.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/06/1990	Findings:	58.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/06/1990	Findings:	10.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/06/1990	Findings:	24.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/06/1990	Findings:	3.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/06/1990	Findings:	12.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/06/1990	Findings:	.280 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/06/1990	Findings:	.100 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	03/06/1990	Findings:	2.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/06/1990	Findings:	290.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/06/1990	Findings:	.500
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/06/1990	Findings:	8.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	03/06/1990	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/06/1990	Findings:	1.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/11/1990	Findings:	19.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/10/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/10/1995	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/10/1995	Findings:	446.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/10/1995	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	05/10/1995	Findings:	176.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/10/1995	Findings:	215.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/10/1995	Findings:	.060 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/10/1995	Findings:	184.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	05/10/1995	Findings:	57.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/10/1995	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/10/1995	Findings:	24.300 MG/L
Chemical:	SODIUM		
Sample Collected:	05/10/1995	Findings:	10.390 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/10/1995	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/10/1995	Findings:	23.800 MG/L
Chemical:	SILICA		
Sample Collected:	05/10/1995	Findings:	3.400 UG/L
Chemical:	ARSENIC		
Sample Collected:	05/10/1995	Findings:	140.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/10/1995	Findings:	.170 UG/L
Chemical:	BORON		
Sample Collected:	05/10/1995	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/10/1995	Findings:	1.500 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/10/1995	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/10/1995	Findings:	318.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/10/1995	Findings:	- .050
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/10/1995	Findings:	4.700 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	05/10/1995	Findings:	.150 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/10/1995	Findings:	1060.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/28/1995	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1995	Findings:	7.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	07/28/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/28/1995	Findings:	4.600 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A14
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 538

Water System Information:

Prime Station Code:	01N/14W-06N01 S	User ID:	MET
FRDS Number:	1910067069	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 02		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		

Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	12/05/1984	Findings:	2.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/05/1984	Findings:	8.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/05/1984	Findings:	1.200 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/05/1984	Findings:	.900 UG/L
Chemical:	1,3-DICHLOROBENZENE		
Sample Collected:	12/05/1984	Findings:	13.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/20/1985	Findings:	2.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/20/1985	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/20/1985	Findings:	1.900 UG/L
Chemical:	1,3-DICHLOROBENZENE		
Sample Collected:	04/30/1985	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/30/1985	Findings:	3.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/30/1985	Findings:	.800 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	04/30/1985	Findings:	1.300 UG/L
Chemical:	1,4-DICHLOROBENZENE		
Sample Collected:	04/30/1985	Findings:	2.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/30/1985	Findings:	1.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/19/1990	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/19/1990	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/19/1990	Findings:	6.900 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/19/1990	Findings:	1.600 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/19/1990	Findings:	15.500 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/19/1990	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/19/1990	Findings:	757.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/19/1990	Findings:	7.300
Chemical:	FIELD PH		
Sample Collected:	06/19/1990	Findings:	7.490
Chemical:	PH (LABORATORY)		
Sample Collected:	06/19/1990	Findings:	272.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/19/1990	Findings:	372.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/19/1990	Findings:	111.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/19/1990	Findings:	23.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/19/1990	Findings:	32.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/19/1990	Findings:	4.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/19/1990	Findings:	30.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/19/1990	Findings:	.540 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/19/1990	Findings:	300.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/19/1990	Findings:	1.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/19/1990	Findings:	3.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/19/1990	Findings:	15.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/19/1990	Findings:	422.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/19/1990	Findings:	44.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/19/1990	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/19/1990	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/19/1990	Findings:	1.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/10/1992	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	12/10/1992	Findings:	983.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/10/1992	Findings:	8.100
Chemical:	PH (LABORATORY)		
Sample Collected:	12/10/1992	Findings:	249.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/10/1992	Findings:	450.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	12/10/1992	Findings:	144.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/10/1992	Findings:	21.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/10/1992	Findings:	39.300 MG/L
Chemical:	SODIUM		
Sample Collected:	12/10/1992	Findings:	42.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/10/1992	Findings:	.150 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/10/1992	Findings:	.320 UG/L
Chemical:	BORON		
Sample Collected:	12/10/1992	Findings:	2.000 UG/L
Chemical:	CADMIUM		
Sample Collected:	12/10/1992	Findings:	224.000 UG/L
Chemical:	IRON		
Sample Collected:	12/10/1992	Findings:	1.300 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	12/10/1992	Findings:	.900 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	12/10/1992	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/10/1992	Findings:	.050 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	12/10/1992	Findings:	4.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/10/1992	Findings:	676.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/10/1992	Findings:	38.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/10/1992	Findings:	.020 UG/L
Chemical:	IODIDE		
Sample Collected:	12/10/1992	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/10/1992	Findings:	2.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/10/1992	Findings:	.100 MG/L
Chemical:	BROMIDE		
Sample Collected:	09/23/1997	Findings:	1.660 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/23/1997	Findings:	5.690 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/23/1997	Findings:	.530 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/23/1997	Findings:	4.470 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/23/1997	Findings:	33.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/23/1997	Findings:	46.960 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/23/1997	Findings:	.640 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/23/1997	Findings:	1.660 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/23/1997	Findings:	10600.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/17/1997	Findings:	1.820 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/17/1997	Findings:	4.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/17/1997	Findings:	5.860 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/17/1997	Findings:	39.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/17/1997	Findings:	44.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/17/1997	Findings:	.620 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/17/1997	Findings:	1.820 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/17/1997	Findings:	10000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/09/1997	Findings:	1.330 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/09/1997	Findings:	4.550 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/09/1997	Findings:	6.040 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/09/1997	Findings:	31.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/09/1997	Findings:	41.070 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/09/1997	Findings:	1.330 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/09/1997	Findings:	9270.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A15
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 539

Water System Information:

Prime Station Code:	01N/14W-06N02 S	User ID:	MET
FRDS Number:	1910067091	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 30		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		

Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	05/01/1985	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/28/1987	Findings:	16.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/28/1987	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	10/28/1987	Findings:	746.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/28/1987	Findings:	7.800
Chemical:	FIELD PH		
Sample Collected:	10/28/1987	Findings:	7.190
Chemical:	PH (LABORATORY)		
Sample Collected:	10/28/1987	Findings:	330.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/28/1987	Findings:	330.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/28/1987	Findings:	.030 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	10/28/1987	Findings:	335.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/28/1987	Findings:	98.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/28/1987	Findings:	22.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/28/1987	Findings:	32.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/28/1987	Findings:	4.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/28/1987	Findings:	17.000 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/28/1987	Findings:	.450 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/28/1987	Findings:	24.000 MG/L
Chemical:	SILICA		
Sample Collected:	10/28/1987	Findings:	124.000 UG/L
Chemical:	BARIUM		
Sample Collected:	10/28/1987	Findings:	.210 UG/L
Chemical:	BORON		
Sample Collected:	10/28/1987	Findings:	.600
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	10/28/1987	Findings:	3.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/28/1987	Findings:	.010 UG/L
Chemical:	IODIDE		
Sample Collected:	10/28/1987	Findings:	3.200 UG/L
Chemical:	MERCURY		
Sample Collected:	10/28/1987	Findings:	16.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/28/1987	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	10/28/1987	Findings:	746.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/28/1987	Findings:	7.800
Chemical:	FIELD PH		
Sample Collected:	10/28/1987	Findings:	7.190
Chemical:	PH (LABORATORY)		
Sample Collected:	10/28/1987	Findings:	330.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/28/1987	Findings:	330.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/28/1987	Findings:	.030 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	10/28/1987	Findings:	335.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/28/1987	Findings:	98.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/28/1987	Findings:	22.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/28/1987	Findings:	32.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/28/1987	Findings:	4.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/28/1987	Findings:	17.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/28/1987	Findings:	.450 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/28/1987	Findings:	24.000 MG/L
Chemical:	SILICA		
Sample Collected:	10/28/1987	Findings:	.210 UG/L
Chemical:	BORON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/28/1987	Findings:	.600
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	10/28/1987	Findings:	3.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/28/1987	Findings:	.010 UG/L
Chemical:	IODIDE		
Sample Collected:	10/28/1987	Findings:	3.200 UG/L
Chemical:	MERCURY		
Sample Collected:	10/28/1987	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/01/1987	Findings:	5.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/01/1987	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/06/1988	Findings:	5.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/06/1988	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/02/1988	Findings:	5.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/02/1988	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/04/1988	Findings:	4.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/04/1988	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/02/1988	Findings:	5.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/02/1988	Findings:	15.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/24/1988	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/24/1988	Findings:	5.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/24/1988	Findings:	25.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/24/1988	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/15/1989	Findings:	1.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/15/1989	Findings:	20.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/15/1989	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	05/15/1989	Findings:	2.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/15/1989	Findings:	1.200 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	05/15/1989	Findings:	6.100 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/15/1989	Findings:	59.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/15/1989	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/15/1989	Findings:	.800 UG/L
Chemical:	2,2-DICHLOROPROPANE		
Sample Collected:	05/15/1989	Findings:	1.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/15/1989	Findings:	3.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/15/1989	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/15/1989	Findings:	28.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/15/1989	Findings:	3.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/15/1989	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	08/16/1989	Findings:	4.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/16/1989	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/16/1989	Findings:	12.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	08/16/1989	Findings:	1.600 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/16/1989	Findings:	1.600 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	08/16/1989	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	08/16/1989	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/16/1989	Findings:	913.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/16/1989	Findings:	7.380
Chemical:	PH (LABORATORY)		
Sample Collected:	08/16/1989	Findings:	350.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/16/1989	Findings:	427.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/16/1989	Findings:	392.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/16/1989	Findings:	120.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/16/1989	Findings:	22.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/16/1989	Findings:	46.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/16/1989	Findings:	4.800 MG/L
Chemical:	POTASSIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/16/1989	Findings:	49.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/16/1989	Findings:	.280 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/16/1989	Findings:	300.000 UG/L
Chemical:	BARIUM		
Sample Collected:	08/16/1989	Findings:	80.000 UG/L
Chemical:	ZINC		
Sample Collected:	08/16/1989	Findings:	1.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/16/1989	Findings:	9.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1989	Findings:	21.000 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	08/16/1989	Findings:	30.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/16/1989	Findings:	547.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/16/1989	Findings:	43.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/16/1989	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/16/1989	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/16/1989	Findings:	1.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/30/1989	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/30/1989	Findings:	4.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/30/1989	Findings:	6.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/30/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/30/1989	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/30/1989	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	11/30/1989	Findings:	4.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/14/1990	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/14/1990	Findings:	4.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/14/1990	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/14/1990	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1990	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/14/1990	Findings:	4.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/14/1990	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	06/14/1990	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	06/14/1990	Findings:	22.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/14/1990	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/14/1990	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/05/1997	Findings:	27.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	08/05/1997	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/05/1997	Findings:	835.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/05/1997	Findings:	7.580
Chemical:	PH (LABORATORY)		
Sample Collected:	08/05/1997	Findings:	248.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/05/1997	Findings:	303.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/05/1997	Findings:	.030 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	08/05/1997	Findings:	338.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/05/1997	Findings:	108.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/05/1997	Findings:	22.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/05/1997	Findings:	41.700 MG/L
Chemical:	SODIUM		
Sample Collected:	08/05/1997	Findings:	4.930 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/05/1997	Findings:	35.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/05/1997	Findings:	.230 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/05/1997	Findings:	22.700 MG/L
Chemical:	SILICA		
Sample Collected:	08/05/1997	Findings:	.330 UG/L
Chemical:	BORON		
Sample Collected:	08/05/1997	Findings:	2.500 UG/L
Chemical:	CADMIUM		
Sample Collected:	08/05/1997	Findings:	107.000 UG/L
Chemical:	IRON		
Sample Collected:	08/05/1997	Findings:	2.750 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/05/1997	Findings:	1.530 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/05/1997	Findings:	8.810 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	08/05/1997	Findings:	2.110 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/05/1997	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/05/1997	Findings:	6.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/05/1997	Findings:	5.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	08/05/1997	Findings:	34.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/05/1997	Findings:	578.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/05/1997	Findings:	.630
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	08/05/1997	Findings:	37.390 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	.018 UG/L
Chemical:	IODIDE		
Sample Collected:	08/05/1997	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/05/1997	Findings:	.350 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/05/1997	Findings:	1.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/05/1997	Findings:	8440.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/17/1997	Findings:	1.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/17/1997	Findings:	3.970 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/17/1997	Findings:	5.280 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/17/1997	Findings:	30.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/17/1997	Findings:	37.210 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/17/1997	Findings:	1.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/17/1997	Findings:	8400.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/08/1997	Findings:	1.370 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/08/1997	Findings:	3.860 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/08/1997	Findings:	4.400 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/08/1997	Findings:	26.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/08/1997	Findings:	1.370 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

A16
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 537

Water System Information:

Prime Station Code:	01N/14W-06L01 S	User ID:	MET
FRDS Number:	1910067085	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 24 - INACTIVE		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	08/24/1987	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/04/1987	Findings:	1.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/05/1988	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1988	Findings:	11.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/02/1988	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/02/1988	Findings:	2.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/31/1988	Findings:	15.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/31/1988	Findings:	8.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/31/1988	Findings:	8.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	03/31/1988	Findings:	908.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/31/1988	Findings:	7.200
Chemical:	FIELD PH		
Sample Collected:	03/31/1988	Findings:	7.590
Chemical:	PH (LABORATORY)		
Sample Collected:	03/31/1988	Findings:	478.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/31/1988	Findings:	583.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/31/1988	Findings:	.020 MG/L
Chemical:	AMMONIA (NH3-N)		
Sample Collected:	03/31/1988	Findings:	.030 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/31/1988	Findings:	450.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/31/1988	Findings:	129.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/31/1988	Findings:	31.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/31/1988	Findings:	36.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/31/1988	Findings:	4.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/31/1988	Findings:	20.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/31/1988	Findings:	.140 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/31/1988	Findings:	26.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/31/1988	Findings:	200.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/31/1988	Findings:	350.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/31/1988	Findings:	.300
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/31/1988	Findings:	11.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/31/1988	Findings:	.020 UG/L
Chemical:	IODIDE		
Sample Collected:	03/31/1988	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		

A17
NNW
1/4 - 1/2 Mile
Higher

CA WELLS 540

Water System Information:

Prime Station Code:	01N/14W-06P01 S	User ID:	MET
FRDS Number:	1910067071	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	341200.0 1182300.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 05 - INACTIVE		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/01/1988	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/01/1988	Findings:	2.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/09/1989	Findings:	4.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/09/1989	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/09/1989	Findings:	36.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/09/1989	Findings:	2.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		

B18
SSW
1/4 - 1/2 Mile
Higher

CA WELLS 549

Water System Information:

Prime Station Code:	01N/14W-06R10 S	User ID:	MET
FRDS Number:	1910067064	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341130.0 1182300.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	NORTH HOLLYWOOD AERATION WELL 04		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/21/1989	Findings:	7.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/21/1989	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	7.900 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/21/1989	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/21/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	15.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/21/1989	Findings:	2.200 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/21/1989	Findings:	686.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/21/1989	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1989	Findings:	194.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/21/1989	Findings:	237.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1989	Findings:	303.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/21/1989	Findings:	92.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1989	Findings:	18.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1989	Findings:	26.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1989	Findings:	3.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1989	Findings:	28.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1989	Findings:	.410 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1989	Findings:	200.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/21/1989	Findings:	100.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06/21/1989	Findings:	427.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1989	Findings:	75.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/21/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/18/1989	Findings:	7.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/18/1989	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/18/1989	Findings:	9.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/18/1989	Findings:	4.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/18/1989	Findings:	2.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/18/1989	Findings:	5.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/18/1989	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/18/1989	Findings:	298.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/18/1989	Findings:	2.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/18/1989	Findings:	5.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/29/1990	Findings:	4.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/29/1990	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/29/1990	Findings:	8.300 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/29/1990	Findings:	1.800 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/29/1990	Findings:	1.400 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	03/29/1990	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	03/29/1990	Findings:	1.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/29/1990	Findings:	3.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/29/1990	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/29/1990	Findings:	165.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/29/1990	Findings:	3.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/25/1990	Findings:	10.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/25/1990	Findings:	3.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/25/1990	Findings:	7.800 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/25/1990	Findings:	1.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/25/1990	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/25/1990	Findings:	2.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/25/1990	Findings:	5.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/25/1990	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/25/1990	Findings:	216.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/25/1990	Findings:	2.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/25/1990	Findings:	5.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/15/1990	Findings:	16.500 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	08/15/1990	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/15/1990	Findings:	614.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/15/1990	Findings:	7.300
Chemical:	FIELD PH		
Sample Collected:	08/15/1990	Findings:	7.480
Chemical:	PH (LABORATORY)		
Sample Collected:	08/15/1990	Findings:	204.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/15/1990	Findings:	270.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/15/1990	Findings:	82.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/15/1990	Findings:	16.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/15/1990	Findings:	26.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/15/1990	Findings:	3.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/15/1990	Findings:	24.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/15/1990	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/15/1990	Findings:	90.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	08/15/1990	Findings:	.100 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	08/15/1990	Findings:	397.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/15/1990	Findings:	46.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/15/1990	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/16/1990	Findings:	1.700 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	08/16/1990	Findings:	1.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	08/16/1990	Findings:	1.900 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	08/16/1990	Findings:	3.500 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	08/16/1990	Findings:	5.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/16/1990	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1990	Findings:	167.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/16/1990	Findings:	1.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/16/1990	Findings:	12.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/05/1990	Findings:	2.500 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/05/1990	Findings:	200.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	1.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/18/1990	Findings:	3.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/18/1990	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	330.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	1.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	5.000 UG/L
Chemical:	PENTACHLOROETHANE		
Sample Collected:	10/18/1990	Findings:	3.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/07/1991	Findings:	.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/07/1991	Findings:	2.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/07/1991	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	94.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	1.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	2.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/09/1991	Findings:	7.590
Chemical:	PH (LABORATORY)		
Sample Collected:	04/09/1991	Findings:	190.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	04/09/1991	Findings:	.060 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	04/09/1991	Findings:	75.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/09/1991	Findings:	3.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/09/1991	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	10.000 UG/L
Chemical:	1,3-DICHLOROBENZENE		
Sample Collected:	04/09/1991	Findings:	105.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	378.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/09/1991	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	3.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/13/1991	Findings:	1.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/13/1991	Findings:	3.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/13/1991	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	160.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	3.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/12/1991	Findings:	.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/12/1991	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/12/1991	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/12/1991	Findings:	134.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/12/1991	Findings:	2.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/09/1991	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/09/1991	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	118.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	2.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/13/1991	Findings:	3.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/13/1991	Findings:	3.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/13/1991	Findings:	182.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/13/1991	Findings:	3.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/10/1991	Findings:	10.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/10/1991	Findings:	7.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/10/1991	Findings:	26.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/10/1991	Findings:	37.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	1.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/26/1992	Findings:	3.000 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/26/1992	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	276.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	3.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/11/1992	Findings:	1.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/11/1992	Findings:	3.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/11/1992	Findings:	3.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/11/1992	Findings:	5.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	05/11/1992	Findings:	280.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/11/1992	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/11/1992	Findings:	3.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/19/1992	Findings:	1.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/19/1992	Findings:	3.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/19/1992	Findings:	3.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	234.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	3.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/11/1992	Findings:	17.400 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/11/1992	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	06/11/1992	Findings:	202.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/11/1992	Findings:	84.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/11/1992	Findings:	1.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/11/1992	Findings:	4.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/11/1992	Findings:	3.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	178.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	488.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/11/1992	Findings:	1.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/11/1992	Findings:	4.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/20/1992	Findings:	1.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/20/1992	Findings:	3.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/20/1992	Findings:	4.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/20/1992	Findings:	159.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/20/1992	Findings:	3.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/15/1992	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	09/15/1992	Findings:	7.650
Chemical:	PH (LABORATORY)		
Sample Collected:	09/15/1992	Findings:	212.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/15/1992	Findings:	88.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/15/1992	Findings:	1.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/15/1992	Findings:	3.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/15/1992	Findings:	4.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	180.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	484.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/15/1992	Findings:	1.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	3.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/02/1993	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02/02/1993	Findings:	3.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/02/1993	Findings:	4.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/02/1993	Findings:	208.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/02/1993	Findings:	3.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/10/1993	Findings:	1.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/10/1993	Findings:	2.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/10/1993	Findings:	3.900 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/10/1993	Findings:	148.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/10/1993	Findings:	2.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/14/1993	Findings:	1.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/14/1993	Findings:	2.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/14/1993	Findings:	2.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	133.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	2.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/24/1994	Findings:	1.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/24/1994	Findings:	2.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/24/1994	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/24/1994	Findings:	80.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/24/1994	Findings:	1.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/24/1994	Findings:	2.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/16/1995	Findings:	6.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/16/1995	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/16/1995	Findings:	5.600 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/16/1995	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/16/1995	Findings:	.100 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	03/16/1995	Findings:	.590 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/16/1995	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/16/1995	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/16/1995	Findings:	3.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	73.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/15/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/15/1995	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/15/1995	Findings:	582.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/15/1995	Findings:	7.410
Chemical:	PH (LABORATORY)		
Sample Collected:	06/15/1995	Findings:	198.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/15/1995	Findings:	242.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/15/1995	Findings:	.050 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	06/15/1995	Findings:	246.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/15/1995	Findings:	75.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/15/1995	Findings:	16.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/15/1995	Findings:	23.900 MG/L
Chemical:	SODIUM		
Sample Collected:	06/15/1995	Findings:	21.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/15/1995	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/15/1995	Findings:	25.000 MG/L
Chemical:	SILICA		
Sample Collected:	06/15/1995	Findings:	321.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/15/1995	Findings:	.200 UG/L
Chemical:	BORON		
Sample Collected:	06/15/1995	Findings:	16.800 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06/15/1995	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/15/1995	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/15/1995	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/15/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/15/1995	Findings:	.400 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	06/15/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	06/15/1995	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/15/1995	Findings:	57.200 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/15/1995	Findings:	320.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/15/1995	Findings:	.030
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/15/1995	Findings:	36.720 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/15/1995	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/15/1995	Findings:	8290.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/21/1995	Findings:	13.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/21/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/21/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	.400 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	09/21/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/21/1995	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	42.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/21/1995	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/21/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/21/1995	Findings:	8.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/21/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/21/1995	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/21/1995	Findings:	13.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/26/1996	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	32.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/24/1996	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/24/1996	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/24/1996	Findings:	25.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/24/1996	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/23/1996	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/23/1996	Findings:	3.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	1.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	08/23/1996	Findings:	41.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/25/1996	Findings:	40.310 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/25/1996	Findings:	9100.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/29/1997	Findings:	29.510 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/29/1997	Findings:	6580.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/19/1997	Findings:	31.630 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/19/1997	Findings:	7140.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/26/1997	Findings:	47.930 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/26/1997	Findings:	10820.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/15/1997	Findings:	4.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/15/1997	Findings:	3.040 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/15/1997	Findings:	13.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	1.530 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	6.180 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	1.680 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	.920 UG/L
Chemical:	1,2-DICHLOROETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/15/1997	Findings:	2.580 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/15/1997	Findings:	74.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	2.210 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	3.040 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/11/1997	Findings:	4.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/11/1997	Findings:	2.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/11/1997	Findings:	13.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	12/11/1997	Findings:	5.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	1.900 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/11/1997	Findings:	2.200 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/11/1997	Findings:	70.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	40.930 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/11/1997	Findings:	1.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	2.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/11/1997	Findings:	9240.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

B19
SSW
1/4 - 1/2 Mile
Higher

CA WELLS 535

Water System Information:

Prime Station Code:	01N/14W-06K08 S	User ID:	MET
FRDS Number:	1910067063	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341 130.0 1182300.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	NORTH HOLLYWOOD AERATION WELL 03		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/21/1989	Findings:	6.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/21/1989	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	10.400 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/21/1989	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/21/1989	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	29.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/21/1989	Findings:	3.200 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/21/1989	Findings:	780.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1989	Findings:	7.640
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1989	Findings:	220.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/21/1989	Findings:	268.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1989	Findings:	320.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/21/1989	Findings:	92.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1989	Findings:	22.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1989	Findings:	28.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1989	Findings:	4.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1989	Findings:	31.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1989	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1989	Findings:	300.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/21/1989	Findings:	100.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06/21/1989	Findings:	70.000 UG/L
Chemical:	ZINC		
Sample Collected:	06/21/1989	Findings:	207.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1989	Findings:	89.000 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/21/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/18/1989	Findings:	6.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/18/1989	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/18/1989	Findings:	6.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/18/1989	Findings:	4.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/18/1989	Findings:	2.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/18/1989	Findings:	5.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/18/1989	Findings:	1.300 UG/L
Chemical:	DICHLOROMETHANE		
Sample Collected:	12/18/1989	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/18/1989	Findings:	4.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/18/1989	Findings:	410.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/18/1989	Findings:	2.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/18/1989	Findings:	5.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/08/1990	Findings:	2.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/08/1990	Findings:	4.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/08/1990	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/08/1990	Findings:	310.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/08/1990	Findings:	2.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/08/1990	Findings:	4.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/29/1990	Findings:	5.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/29/1990	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/29/1990	Findings:	6.700 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/29/1990	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/29/1990	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	03/29/1990	Findings:	1.200 UG/L
Chemical:	CARBON TETRACHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/29/1990	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/29/1990	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/29/1990	Findings:	174.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/29/1990	Findings:	2.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/05/1990	Findings:	7.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/05/1990	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/05/1990	Findings:	13.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/05/1990	Findings:	1.600 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/05/1990	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/05/1990	Findings:	16.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/05/1990	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/05/1990	Findings:	680.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1990	Findings:	7.700
Chemical:	FIELD PH		
Sample Collected:	06/05/1990	Findings:	7.680
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1990	Findings:	228.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/05/1990	Findings:	321.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/05/1990	Findings:	99.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1990	Findings:	18.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1990	Findings:	27.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1990	Findings:	4.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1990	Findings:	29.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1990	Findings:	.570 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1990	Findings:	200.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/05/1990	Findings:	90.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06/05/1990	Findings:	70.000 UG/L
Chemical:	ZINC		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/05/1990	Findings:	462.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/05/1990	Findings:	.300
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	06/05/1990	Findings:	75.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/05/1990	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/05/1990	Findings:	1.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/05/1990	Findings:	4.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/05/1990	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/05/1990	Findings:	217.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/05/1990	Findings:	2.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/05/1990	Findings:	4.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/05/1990	Findings:	1.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/05/1990	Findings:	3.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/05/1990	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	180.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	1.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	3.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/18/1990	Findings:	1.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/18/1990	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/18/1990	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	230.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	1.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	5.000 UG/L
Chemical:	PENTACHLOROETHANE		
Sample Collected:	10/18/1990	Findings:	2.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/07/1991	Findings:	.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/07/1991	Findings:	2.300 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/07/1991	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	141.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	1.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	2.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/12/1991	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02/12/1991	Findings:	2.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/12/1991	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/12/1991	Findings:	110.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/12/1991	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/12/1991	Findings:	2.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/07/1991	Findings:	3.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/07/1991	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/07/1991	Findings:	170.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/07/1991	Findings:	3.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/09/1991	Findings:	7.620
Chemical:	PH (LABORATORY)		
Sample Collected:	04/09/1991	Findings:	200.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	04/09/1991	Findings:	.070 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	04/09/1991	Findings:	80.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/09/1991	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/09/1991	Findings:	2.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/09/1991	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	92.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	392.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/09/1991	Findings:	1.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	2.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/13/1991	Findings:	.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/13/1991	Findings:	2.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/13/1991	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	143.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	2.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/12/1991	Findings:	.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/12/1991	Findings:	2.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/12/1991	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/12/1991	Findings:	149.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/12/1991	Findings:	2.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/09/1991	Findings:	2.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/09/1991	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	130.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	2.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/26/1992	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/26/1992	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	98.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	1.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/06/1992	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/06/1992	Findings:	3.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/06/1992	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	05/06/1992	Findings:	345.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/06/1992	Findings:	2.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	3.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/19/1992	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/19/1992	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	117.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/11/1992	Findings:	18.500 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/11/1992	Findings:	7.450
Chemical:	PH (LABORATORY)		
Sample Collected:	06/11/1992	Findings:	190.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/11/1992	Findings:	74.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/11/1992	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/11/1992	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	90.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	412.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/11/1992	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/20/1992	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/20/1992	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/20/1992	Findings:	95.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/20/1992	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/15/1992	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/15/1992	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/15/1992	Findings:	111.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/03/1993	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/03/1993	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/03/1993	Findings:	83.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/03/1993	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/03/1993	Findings:	1.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/14/1993	Findings:	1.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/14/1993	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	97.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	1.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/21/1994	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/21/1994	Findings:	63.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/21/1994	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/21/1994	Findings:	1.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/15/1994	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/15/1994	Findings:	4.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	59.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	1.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/01/1995	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/01/1995	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/01/1995	Findings:	5.600 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/01/1995	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/01/1995	Findings:	.730 PCI/L
Chemical:	RA 226 + RA 228		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/01/1995	Findings:	.960 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/01/1995	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/01/1995	Findings:	3.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/01/1995	Findings:	67.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/01/1995	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/01/1995	Findings:	1.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/15/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/15/1995	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/15/1995	Findings:	580.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/15/1995	Findings:	7.360
Chemical:	PH (LABORATORY)		
Sample Collected:	06/15/1995	Findings:	197.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/15/1995	Findings:	240.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/15/1995	Findings:	.070 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	06/15/1995	Findings:	251.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/15/1995	Findings:	75.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/15/1995	Findings:	15.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/15/1995	Findings:	25.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/15/1995	Findings:	20.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/15/1995	Findings:	.430 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/15/1995	Findings:	25.000 MG/L
Chemical:	SILICA		
Sample Collected:	06/15/1995	Findings:	332.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/15/1995	Findings:	.240 UG/L
Chemical:	BORON		
Sample Collected:	06/15/1995	Findings:	19.400 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06/15/1995	Findings:	6.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/15/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/15/1995	Findings:	7.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/15/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/15/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	06/15/1995	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/15/1995	Findings:	4.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/15/1995	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/15/1995	Findings:	1.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	06/15/1995	Findings:	65.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/15/1995	Findings:	315.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/15/1995	Findings:	- .020
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/15/1995	Findings:	37.970 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/15/1995	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/15/1995	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/15/1995	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/15/1995	Findings:	8570.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/21/1995	Findings:	8.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/21/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/21/1995	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	.300 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	09/21/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/21/1995	Findings:	3.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	69.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/21/1995	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/21/1995	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/21/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/21/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	12/21/1995	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/21/1995	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/21/1995	Findings:	32.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/21/1995	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/21/1995	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/24/1996	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/24/1996	Findings:	2.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/24/1996	Findings:	1.400 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	04/24/1996	Findings:	52.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/24/1996	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/24/1996	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/23/1996	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/23/1996	Findings:	6.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	.900 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	08/23/1996	Findings:	76.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	1.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/25/1996	Findings:	45.630 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/25/1996	Findings:	10300.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/22/1996	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/22/1996	Findings:	7.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	1.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/22/1996	Findings:	74.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	46.960 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/22/1996	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/22/1996	Findings:	10600.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/16/1996	Findings:	9600.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/06/1997	Findings:	40.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/06/1997	Findings:	9120.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/26/1997	Findings:	46.650 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/26/1997	Findings:	10530.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/15/1997	Findings:	1.040 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/15/1997	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	2.810 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/15/1997	Findings:	48.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	35.040 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/15/1997	Findings:	1.130 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	1.040 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/15/1997	Findings:	7910.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/12/1997	Findings:	.670 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/12/1997	Findings:	1.360 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/12/1997	Findings:	7.740 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/12/1997	Findings:	1.490 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	.950 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	11/12/1997	Findings:	2.760 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/12/1997	Findings:	71.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	43.770 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/12/1997	Findings:	.990 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	1.360 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/12/1997	Findings:	9880.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/11/1997	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/11/1997	Findings:	1.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/11/1997	Findings:	5.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	.800 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/11/1997	Findings:	3.400 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/11/1997	Findings:	76.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	43.020 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/11/1997	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	1.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/11/1997	Findings:	9710.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

B20
SSW
 1/4 - 1/2 Mile
 Higher

CA WELLS 536

Water System Information:

Prime Station Code:	01N/14W-06K09 S	User ID:	MET
FRDS Number:	1910067062	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341130.0 1182300.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	NORTH HOLLYWOOD AERATION WELL 02		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910067
 System Name: LOS ANGELES-CITY, DEPT. OF WATER & POWER
 Organization That Operates System:

P.O. BOX 51111, ROOM 1420
 LOS ANGELES, CA 90051

Pop Served: 3700000 Connections: 657422
 Area Served: LOS ANGELES

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/21/1989	Findings:	8.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/21/1989	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	10.600 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/18/1989	Findings:	7.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/18/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/18/1989	Findings:	4.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/18/1989	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/18/1989	Findings:	4.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/18/1989	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/18/1989	Findings:	235.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/18/1989	Findings:	2.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/18/1989	Findings:	4.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/10/1990	Findings:	2.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/10/1990	Findings:	2.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/10/1990	Findings:	3.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/10/1990	Findings:	5.900 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	01/10/1990	Findings:	94.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/10/1990	Findings:	1.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/10/1990	Findings:	2.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/20/1990	Findings:	.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/20/1990	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/20/1990	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/20/1990	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	03/20/1990	Findings:	131.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/20/1990	Findings:	2.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/06/1990	Findings:	.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/06/1990	Findings:	3.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/06/1990	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/06/1990	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	04/06/1990	Findings:	195.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/06/1990	Findings:	2.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/06/1990	Findings:	3.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/16/1990	Findings:	5.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1990	Findings:	167.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/26/1992	Findings:	3.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/26/1992	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	343.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	3.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/11/1992	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/11/1992	Findings:	3.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/11/1992	Findings:	2.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/11/1992	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/11/1992	Findings:	19.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	05/11/1992	Findings:	385.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/11/1992	Findings:	2.500 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/11/1992	Findings:	.040 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	05/11/1992	Findings:	3.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/19/1992	Findings:	1.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/19/1992	Findings:	3.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/19/1992	Findings:	3.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	341.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	3.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/11/1992	Findings:	16.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/11/1992	Findings:	7.210
Chemical:	PH (LABORATORY)		
Sample Collected:	06/11/1992	Findings:	228.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/11/1992	Findings:	94.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/11/1992	Findings:	1.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/11/1992	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	292.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	590.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/11/1992	Findings:	2.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/20/1992	Findings:	.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/20/1992	Findings:	3.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/20/1992	Findings:	3.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/20/1992	Findings:	273.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/20/1992	Findings:	3.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/15/1992	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	09/15/1992	Findings:	7.550
Chemical:	PH (LABORATORY)		
Sample Collected:	09/15/1992	Findings:	252.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/15/1992	Findings:	105.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/15/1992	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/15/1992	Findings:	2.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/15/1992	Findings:	5.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	09/15/1992	Findings:	321.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	555.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/15/1992	Findings:	1.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	.050 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	09/15/1992	Findings:	2.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/15/1992	Findings:	.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/15/1992	Findings:	3.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/15/1992	Findings:	5.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	1.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/15/1992	Findings:	424.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	1.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	.030 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	12/15/1992	Findings:	3.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/03/1993	Findings:	3.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/03/1993	Findings:	.600 UG/L
Chemical:	DICHLOROMETHANE		
Sample Collected:	02/03/1993	Findings:	4.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/03/1993	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/03/1993	Findings:	8.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/03/1993	Findings:	201.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/03/1993	Findings:	1.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/03/1993	Findings:	3.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/14/1993	Findings:	1.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/14/1993	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	118.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	1.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/22/1994	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/22/1994	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/22/1994	Findings:	68.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/22/1994	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/22/1994	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/22/1994	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/22/1994	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/22/1994	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/22/1994	Findings:	63.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/22/1994	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/22/1994	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/16/1994	Findings:	3.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/16/1994	Findings:	2.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/16/1994	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/16/1994	Findings:	1.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/16/1994	Findings:	96.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/16/1994	Findings:	2.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/16/1994	Findings:	3.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/01/1995	Findings:	14.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/01/1995	Findings:	4.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/01/1995	Findings:	9.600 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/01/1995	Findings:	2.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/01/1995	Findings:	.330 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	03/01/1995	Findings:	.840 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/01/1995	Findings:	7.300 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/01/1995	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/01/1995	Findings:	2.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/01/1995	Findings:	3.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/01/1995	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/01/1995	Findings:	.800 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	03/01/1995	Findings:	142.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/01/1995	Findings:	1.500 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/01/1995	Findings:	2.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/01/1995	Findings:	.430 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	06/15/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/15/1995	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/15/1995	Findings:	700.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/15/1995	Findings:	7.190
Chemical:	PH (LABORATORY)		
Sample Collected:	06/15/1995	Findings:	244.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/15/1995	Findings:	298.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/15/1995	Findings:	.060 UG/L
Chemical:	PHOSPHATE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/15/1995	Findings:	311.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/15/1995	Findings:	94.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/15/1995	Findings:	20.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/15/1995	Findings:	29.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/15/1995	Findings:	25.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/15/1995	Findings:	.380 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/15/1995	Findings:	26.000 MG/L
Chemical:	SILICA		
Sample Collected:	06/15/1995	Findings:	331.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/15/1995	Findings:	.300 UG/L
Chemical:	BORON		
Sample Collected:	06/15/1995	Findings:	8.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/15/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/15/1995	Findings:	10.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/15/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/15/1995	Findings:	.400 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	06/15/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	06/15/1995	Findings:	.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/15/1995	Findings:	2.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/15/1995	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/15/1995	Findings:	1.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/15/1995	Findings:	1.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	06/15/1995	Findings:	2.800 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/15/1995	Findings:	157.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/15/1995	Findings:	423.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/15/1995	Findings:	- .010
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/15/1995	Findings:	47.400 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/15/1995	Findings:	2.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/15/1995	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/15/1995	Findings:	2.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/15/1995	Findings:	10700.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/21/1995	Findings:	7.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/21/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	6.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/21/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	.300 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	09/21/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/21/1995	Findings:	3.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/21/1995	Findings:	3.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	2.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	1.200 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	09/21/1995	Findings:	5.400 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/21/1995	Findings:	254.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	2.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	3.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/26/1996	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02/26/1996	Findings:	3.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/26/1996	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	2.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	1.300 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	02/26/1996	Findings:	158.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/26/1996	Findings:	3.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	3.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/24/1996	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/24/1996	Findings:	3.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/24/1996	Findings:	2.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/24/1996	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/24/1996	Findings:	1.500 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	04/24/1996	Findings:	2.100 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	04/24/1996	Findings:	185.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/24/1996	Findings:	3.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/24/1996	Findings:	3.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/23/1996	Findings:	1.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	08/23/1996	Findings:	5.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/23/1996	Findings:	3.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	08/23/1996	Findings:	2.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	1.400 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	08/23/1996	Findings:	6.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	08/23/1996	Findings:	464.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	5.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	5.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/25/1996	Findings:	55.820 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/25/1996	Findings:	12600.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/17/1997	Findings:	47.890 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/17/1997	Findings:	10810.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/30/1997	Findings:	52.270 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/30/1997	Findings:	11800.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/29/1997	Findings:	55.370 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/29/1997	Findings:	12500.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/19/1997	Findings:	53.160 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/19/1997	Findings:	12000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/10/1997	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/10/1997	Findings:	7.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/10/1997	Findings:	5.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/10/1997	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	07/10/1997	Findings:	4.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/10/1997	Findings:	2.200 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	07/10/1997	Findings:	4.600 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	07/10/1997	Findings:	470.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/10/1997	Findings:	54.050 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/1997	Findings:	8.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/10/1997	Findings:	7.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/10/1997	Findings:	12200.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/17/1997	Findings:	70.880 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/17/1997	Findings:	16000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/15/1997	Findings:	58.480 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/15/1997	Findings:	13200.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/15/1997	Findings:	1.390 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/15/1997	Findings:	6.980 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/15/1997	Findings:	4.360 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/15/1997	Findings:	1.120 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	3.580 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	1.980 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	1.410 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	5.740 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/15/1997	Findings:	376.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	9.380 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	6.980 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/12/1997	Findings:	1.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/12/1997	Findings:	5.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/12/1997	Findings:	6.540 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	.980 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	11/12/1997	Findings:	3.730 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	2.090 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	11/12/1997	Findings:	6.260 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/12/1997	Findings:	414.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	58.030 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/12/1997	Findings:	7.610 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	5.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/12/1997	Findings:	13100.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

B21
SSW
1/4 - 1/2 Mile
Higher

CA WELLS 550

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code: 01N/14W-06R11 S	User ID: MET
FRDS Number: 1910067065	County: Los Angeles
District Number: 15	Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Active Raw
Source Lat/Long: 341130.0 1182300.0	Precision: 1,000 Feet (10 Seconds)
Source Name: NORTH HOLLYWOOD AERATION WELL 05	
System Number: 1910067	
System Name: LOS ANGELES-CITY, DEPT. OF WATER & POWER	
Organization That Operates System: P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051	
Pop Served: 3700000	Connections: 657422
Area Served: LOS ANGELES	

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected: 03/21/1989	Findings: 5.800 PCI/L	
Chemical: GROSS ALPHA		
Sample Collected: 03/21/1989	Findings: 1.400 PCI/L	
Chemical: GROSS ALPHA COUNTING ERROR		
Sample Collected: 03/21/1989	Findings: 6.600 PCI/L	
Chemical: URANIUM		
Sample Collected: 06/21/1989	Findings: 1.600 PCI/L	
Chemical: GROSS ALPHA		
Sample Collected: 06/21/1989	Findings: 1.300 PCI/L	
Chemical: GROSS ALPHA COUNTING ERROR		
Sample Collected: 06/21/1989	Findings: 15.000 PCI/L	
Chemical: GROSS BETA		
Sample Collected: 06/21/1989	Findings: 2.200 PCI/L	
Chemical: GROSS BETA COUNTING ERROR		
Sample Collected: 06/21/1989	Findings: 3.000 UNITS	
Chemical: COLOR		
Sample Collected: 06/21/1989	Findings: 715.000 UMHO	
Chemical: SPECIFIC CONDUCTANCE		
Sample Collected: 06/21/1989	Findings: 7.690	
Chemical: PH (LABORATORY)		
Sample Collected: 06/21/1989	Findings: 180.000 MG/L	
Chemical: TOTAL ALKALINITY (AS CaCO3)		
Sample Collected: 06/21/1989	Findings: 220.000 MG/L	
Chemical: BICARBONATE ALKALINITY		
Sample Collected: 06/21/1989	Findings: 298.000 MG/L	
Chemical: TOTAL HARDNESS (AS CaCO3)		
Sample Collected: 06/21/1989	Findings: 78.000 MG/L	
Chemical: CALCIUM		
Sample Collected: 06/21/1989	Findings: 25.000 MG/L	
Chemical: MAGNESIUM		
Sample Collected: 06/21/1989	Findings: 26.000 MG/L	
Chemical: SODIUM		
Sample Collected: 06/21/1989	Findings: 3.800 MG/L	
Chemical: POTASSIUM		
Sample Collected: 06/21/1989	Findings: 33.000 MG/L	
Chemical: CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/21/1989	Findings:	.450 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1989	Findings:	200.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/21/1989	Findings:	30.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06/21/1989	Findings:	448.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1989	Findings:	80.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/21/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/28/1989	Findings:	2.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/28/1989	Findings:	5.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/28/1989	Findings:	1.100 UG/L
Chemical:	DICHLOROMETHANE		
Sample Collected:	12/28/1989	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/28/1989	Findings:	220.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/28/1989	Findings:	1.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/28/1989	Findings:	5.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/28/1989	Findings:	8.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/28/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/28/1989	Findings:	54.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/28/1989	Findings:	14.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/28/1989	Findings:	1.000 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	12/28/1989	Findings:	1.000 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	01/05/1990	Findings:	2.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/05/1990	Findings:	5.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/05/1990	Findings:	2.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	240.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	1.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	5.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/29/1990	Findings:	4.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/29/1990	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/29/1990	Findings:	6.900 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/29/1990	Findings:	1.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/29/1990	Findings:	.200 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	03/29/1990	Findings:	2.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/29/1990	Findings:	3.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/29/1990	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/29/1990	Findings:	139.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/29/1990	Findings:	3.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/05/1990	Findings:	9.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/05/1990	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/05/1990	Findings:	14.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/05/1990	Findings:	1.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/05/1990	Findings:	.200 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/05/1990	Findings:	17.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/05/1990	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/05/1990	Findings:	662.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1990	Findings:	7.640
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1990	Findings:	204.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/05/1990	Findings:	397.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/05/1990	Findings:	85.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1990	Findings:	21.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1990	Findings:	27.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1990	Findings:	3.400 MG/L
Chemical:	POTASSIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/05/1990	Findings:	28.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1990	Findings:	.580 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1990	Findings:	200.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/05/1990	Findings:	4.000 UG/L
Chemical:	CADMIUM		
Sample Collected:	06/05/1990	Findings:	60.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06/05/1990	Findings:	60.000 UG/L
Chemical:	ZINC		
Sample Collected:	06/05/1990	Findings:	443.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/05/1990	Findings:	.400
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/05/1990	Findings:	71.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/05/1990	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/05/1990	Findings:	.800 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	06/05/1990	Findings:	3.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/05/1990	Findings:	.800 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	06/05/1990	Findings:	.900 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	06/05/1990	Findings:	7.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/05/1990	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/05/1990	Findings:	286.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/05/1990	Findings:	2.500 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/05/1990	Findings:	9.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/16/1990	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1990	Findings:	216.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	2.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/07/1991	Findings:	5.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/07/1991	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	228.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/07/1991	Findings:	1.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	5.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/05/1991	Findings:	1.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02/05/1991	Findings:	5.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/05/1991	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	192.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	1.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	5.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/13/1991	Findings:	1.400 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/13/1991	Findings:	3.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/13/1991	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	210.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	3.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/21/1994	Findings:	1.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/21/1994	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/21/1994	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/21/1994	Findings:	64.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/21/1994	Findings:	1.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/14/1994	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/14/1994	Findings:	1.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/14/1994	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1994	Findings:	64.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1994	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1994	Findings:	1.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/16/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/16/1995	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/16/1995	Findings:	670.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/16/1995	Findings:	7.480
Chemical:	PH (LABORATORY)		
Sample Collected:	03/16/1995	Findings:	212.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/16/1995	Findings:	259.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/16/1995	Findings:	.080 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/16/1995	Findings:	302.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/16/1995	Findings:	89.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/16/1995	Findings:	17.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/16/1995	Findings:	25.800 MG/L
Chemical:	SODIUM		
Sample Collected:	03/16/1995	Findings:	35.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/16/1995	Findings:	.520 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/16/1995	Findings:	24.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/16/1995	Findings:	121.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/16/1995	Findings:	.290 UG/L
Chemical:	BORON		
Sample Collected:	03/16/1995	Findings:	17.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	03/16/1995	Findings:	13.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/16/1995	Findings:	4.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/16/1995	Findings:	7.800 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/16/1995	Findings:	1.800 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/16/1995	Findings:	.210 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	03/16/1995	Findings:	.770 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/16/1995	Findings:	7.810 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/16/1995	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/16/1995	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/16/1995	Findings:	2.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	69.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	417.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/16/1995	Findings:	.200
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/16/1995	Findings:	56.130 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/16/1995	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/16/1995	Findings:	1.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/16/1995	Findings:	.460 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/16/1995	Findings:	12670.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/31/1995	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/31/1995	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/31/1995	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	54.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/26/1996	Findings:	3.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02/26/1996	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/26/1996	Findings:	33.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	02/26/1996	Findings:	3.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	02/26/1996	Findings:	.600 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	02/26/1996	Findings:	46.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	2.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/26/1996	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/05/1996	Findings:	10700.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/06/1997	Findings:	54.580 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/06/1997	Findings:	12320.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/29/1997	Findings:	47.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/29/1997	Findings:	10700.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/19/1997	Findings:	50.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/19/1997	Findings:	11400.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/10/1997	Findings:	48.730 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/1997	Findings:	11000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/26/1997	Findings:	45.010 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/26/1997	Findings:	10160.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/15/1997	Findings:	.640 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/15/1997	Findings:	1.320 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/15/1997	Findings:	12.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	.810 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	1.060 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	4.950 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/15/1997	Findings:	37.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	46.960 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/15/1997	Findings:	4.280 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	1.320 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/15/1997	Findings:	10600.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/12/1997	Findings:	.690 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/12/1997	Findings:	1.050 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/12/1997	Findings:	19.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	.710 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	11/12/1997	Findings:	6.900 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/12/1997	Findings:	42.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	46.070 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/12/1997	Findings:	3.430 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	1.050 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/12/1997	Findings:	10400.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/11/1997	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/11/1997	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/11/1997	Findings:	16.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	12/11/1997	Findings:	4.800 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/11/1997	Findings:	44.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	48.730 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/11/1997	Findings:	3.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/11/1997	Findings:	11000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

22
WNW
1/2 - 1 Mile
Higher

CA WELLS 530

Water System Information:

Prime Station Code:	01N/14W-06F03 S	User ID:	MET
FRDS Number:	1910067061	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182330.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	NORTH HOLLYWOOD AERATION WELL 01		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910067
 System Name: LOS ANGELES-CITY, DEPT. OF WATER & POWER
 Organization That Operates System:
 P.O. BOX 51111, ROOM 1420
 LOS ANGELES, CA 90051
 Pop Served: 3700000
 Area Served: LOS ANGELES

Connections: 657422

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	10/15/1997	Findings:	.650 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/15/1997	Findings:	1.330 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/15/1997	Findings:	13.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	1.080 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	4.900 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/15/1997	Findings:	38.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	4.330 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	1.330 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/12/1997	Findings:	12.400 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/12/1997	Findings:	5.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/12/1997	Findings:	38.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	3.400 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	11/12/1997	Findings:	18.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	5.330 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	11/12/1997	Findings:	.620 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	11/12/1997	Findings:	137.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	.670 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	5.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/11/1997	Findings:	3.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/11/1997	Findings:	1.800 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/11/1997	Findings:	11.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	12/11/1997	Findings:	4.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	1.500 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/11/1997	Findings:	2.800 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/11/1997	Findings:	79.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	1.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	1.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

C23
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CA WELLS 529

Water System Information:

Prime Station Code:	01N/14W-05P02 S	User ID:	MET
FRDS Number:	1910067078	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182200.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 17		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/17/1987	Findings:	18.000 UG/L
Chemical:	DICHLOROMETHANE		
Sample Collected:	03/17/1987	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/17/1987	Findings:	6.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/03/1987	Findings:	3.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/03/1987	Findings:	6.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/02/1987	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/02/1987	Findings:	6.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/05/1987	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/05/1987	Findings:	6.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/01/1987	Findings:	3.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/01/1987	Findings:	7.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/04/1988	Findings:	4.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/04/1988	Findings:	8.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/05/1988	Findings:	3.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1988	Findings:	9.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/02/1988	Findings:	4.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/02/1988	Findings:	8.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/04/1988	Findings:	4.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/04/1988	Findings:	7.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/01/1988	Findings:	4.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/01/1988	Findings:	6.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/05/1988	Findings:	5.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/05/1988	Findings:	11.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/01/1988	Findings:	5.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/01/1988	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/15/1989	Findings:	6.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/15/1989	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/15/1989	Findings:	18.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/15/1989	Findings:	2.500 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/15/1989	Findings:	.300 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/13/1989	Findings:	7.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/13/1989	Findings:	8.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/02/1989	Findings:	6.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/02/1989	Findings:	7.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/23/1989	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/23/1989	Findings:	646.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/23/1989	Findings:	7.470
Chemical:	PH (LABORATORY)		
Sample Collected:	08/23/1989	Findings:	182.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/23/1989	Findings:	222.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/23/1989	Findings:	229.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/23/1989	Findings:	64.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/23/1989	Findings:	17.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/23/1989	Findings:	27.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/23/1989	Findings:	3.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/23/1989	Findings:	22.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/23/1989	Findings:	.530 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/23/1989	Findings:	.600 UG/L
Chemical:	BENZENE		
Sample Collected:	08/23/1989	Findings:	4.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/23/1989	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	08/23/1989	Findings:	24.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	08/23/1989	Findings:	4.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/23/1989	Findings:	400.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/23/1989	Findings:	26.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/23/1989	Findings:	1.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/23/1989	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/23/1989	Findings:	5.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/23/1989	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/23/1989	Findings:	14.000 PCI/L
Chemical:	GROSS BETA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/23/1989	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/23/1989	Findings:	.200 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	09/05/1989	Findings:	6.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/05/1989	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/15/1989	Findings:	5.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1989	Findings:	.600 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	11/15/1989	Findings:	2.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/15/1989	Findings:	1.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/15/1989	Findings:	.030 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	11/15/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/15/1989	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/15/1989	Findings:	6.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	11/15/1989	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/07/1990	Findings:	4.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/07/1990	Findings:	1.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/07/1990	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/07/1990	Findings:	8.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/07/1990	Findings:	4.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/23/1990	Findings:	3.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/23/1990	Findings:	7.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/23/1990	Findings:	1.500 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/06/1990	Findings:	4.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/06/1990	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/06/1990	Findings:	1.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/01/1994	Findings:	18.800 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/01/1994	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	11/01/1994	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/01/1994	Findings:	.600 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	11/01/1994	Findings:	5.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/22/1996	Findings:	7.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	08/22/1996	Findings:	.800 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	08/22/1996	Findings:	5.500 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	08/22/1996	Findings:	2.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	3.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/22/1996	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/16/1996	Findings:	6.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/16/1996	Findings:	3.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/16/1996	Findings:	1.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/16/1996	Findings:	2.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/27/1996	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/27/1996	Findings:	6.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/27/1996	Findings:	.700 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	11/27/1996	Findings:	1.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/27/1996	Findings:	2.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/27/1996	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/16/1996	Findings:	3.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/16/1996	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/16/1996	Findings:	1.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/14/1997	Findings:	3080.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/04/1997	Findings:	22.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/04/1997	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/04/1997	Findings:	590.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/04/1997	Findings:	7.120
Chemical:	PH (LABORATORY)		
Sample Collected:	02/04/1997	Findings:	221.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	02/04/1997	Findings:	270.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/04/1997	Findings:	.050 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	02/04/1997	Findings:	257.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	02/04/1997	Findings:	72.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/04/1997	Findings:	18.720 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/04/1997	Findings:	26.600 MG/L
Chemical:	SODIUM		
Sample Collected:	02/04/1997	Findings:	3.250 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/04/1997	Findings:	18.630 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/04/1997	Findings:	.540 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/04/1997	Findings:	22.800 MG/L
Chemical:	SILICA		
Sample Collected:	02/04/1997	Findings:	.240 UG/L
Chemical:	BORON		
Sample Collected:	02/04/1997	Findings:	7.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/04/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/04/1997	Findings:	12.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	02/04/1997	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/04/1997	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	02/04/1997	Findings:	3.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	.800 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	02/04/1997	Findings:	1.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/04/1997	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	354.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/04/1997	Findings:	-.090
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/04/1997	Findings:	11.920 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/04/1997	Findings:	2690.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/12/1997	Findings:	3.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/12/1997	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/16/1997	Findings:	4.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/16/1997	Findings:	3.200 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	04/16/1997	Findings:	1.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/16/1997	Findings:	1.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/05/1997	Findings:	7.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/05/1997	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	05/05/1997	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/05/1997	Findings:	.700 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	05/05/1997	Findings:	9.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	05/05/1997	Findings:	2.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/05/1997	Findings:	4.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/05/1997	Findings:	9.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/05/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/05/1997	Findings:	8.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/05/1997	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/05/1997	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/04/1997	Findings:	.640 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/04/1997	Findings:	9.340 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/04/1997	Findings:	.680 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	06/04/1997	Findings:	1.140 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/04/1997	Findings:	6.510 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/04/1997	Findings:	2.660 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/04/1997	Findings:	3.850 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/04/1997	Findings:	.640 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/14/1997	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/14/1997	Findings:	10.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	07/14/1997	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	07/14/1997	Findings:	.800 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	07/14/1997	Findings:	7.500 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	07/14/1997	Findings:	2.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	4.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1997	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/20/1997	Findings:	13.660 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/20/1997	Findings:	2.950 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/20/1997	Findings:	9.310 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	08/20/1997	Findings:	2.190 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/20/1997	Findings:	.810 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	08/20/1997	Findings:	.510 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	08/20/1997	Findings:	15.980 PCI/L
Chemical:	URANIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/20/1997	Findings:	2.640 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	08/29/1997	Findings:	.860 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/29/1997	Findings:	10.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/29/1997	Findings:	1.550 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/29/1997	Findings:	.780 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	08/29/1997	Findings:	.610 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	08/29/1997	Findings:	4.180 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	08/29/1997	Findings:	2.350 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/29/1997	Findings:	3.570 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/29/1997	Findings:	.860 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/09/1997	Findings:	.810 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/09/1997	Findings:	8.520 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/09/1997	Findings:	.570 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	09/09/1997	Findings:	1.390 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/09/1997	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	09/09/1997	Findings:	5.530 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/09/1997	Findings:	2.420 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/09/1997	Findings:	3.560 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/09/1997	Findings:	.810 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/21/1997	Findings:	.940 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/21/1997	Findings:	6.950 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	10/21/1997	Findings:	1.660 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	.770 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/21/1997	Findings:	.860 UG/L
Chemical:	1,2-DICHLOROETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/21/1997	Findings:	9.600 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/21/1997	Findings:	2.240 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	4.040 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	.940 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/06/1997	Findings:	.850 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/06/1997	Findings:	8.650 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/06/1997	Findings:	.560 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	11/06/1997	Findings:	1.540 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/06/1997	Findings:	1.080 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	11/06/1997	Findings:	.630 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	11/06/1997	Findings:	8.370 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/06/1997	Findings:	2.340 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/06/1997	Findings:	3.340 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/06/1997	Findings:	.850 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

C24
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 1/2 - 1 Mile
 Higher

CA WELLS 528

Water System Information:

Prime Station Code:	01N/14W-05P01 S	User ID:	MET
FRDS Number:	1910067079	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182200.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 18		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	12/18/1984	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/18/1984	Findings:	4.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/30/1985	Findings:	7.600 UG/L
Chemical:	DICHLOROMETHANE		
Sample Collected:	04/30/1985	Findings:	3.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/30/1985	Findings:	8.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/03/1987	Findings:	3.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/03/1987	Findings:	3.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/05/1987	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/05/1987	Findings:	3.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/04/1988	Findings:	3.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/04/1988	Findings:	5.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/05/1988	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1988	Findings:	6.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/08/1988	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/08/1988	Findings:	4.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/05/1988	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/05/1988	Findings:	3.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/01/1988	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/01/1988	Findings:	5.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/01/1988	Findings:	3.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/01/1988	Findings:	5.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/03/1988	Findings:	3.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/03/1988	Findings:	6.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/02/1988	Findings:	3.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/02/1988	Findings:	9.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/03/1989	Findings:	9.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/03/1989	Findings:	7.100 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/01/1989	Findings:	4.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/01/1989	Findings:	15.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/15/1989	Findings:	6.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/15/1989	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	05/15/1989	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/15/1989	Findings:	4.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	05/15/1989	Findings:	25.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/15/1989	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/15/1989	Findings:	3.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/15/1989	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/15/1989	Findings:	29.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/15/1989	Findings:	3.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/15/1989	Findings:	.200 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	08/21/1989	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/21/1989	Findings:	776.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/21/1989	Findings:	7.180
Chemical:	PH (LABORATORY)		
Sample Collected:	08/21/1989	Findings:	254.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/21/1989	Findings:	310.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/21/1989	Findings:	338.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/21/1989	Findings:	94.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/21/1989	Findings:	25.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/21/1989	Findings:	27.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/21/1989	Findings:	4.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/21/1989	Findings:	32.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/21/1989	Findings:	.320 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/21/1989	Findings:	5.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/21/1989	Findings:	.050 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/21/1989	Findings:	70.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/21/1989	Findings:	474.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/21/1989	Findings:	41.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1989	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/21/1989	Findings:	6.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/21/1989	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/21/1989	Findings:	13.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	08/21/1989	Findings:	1.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/21/1989	Findings:	.200 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	11/15/1989	Findings:	6.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/15/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/15/1989	Findings:	7.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	11/15/1989	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/15/1989	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1989	Findings:	11.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/07/1990	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/07/1990	Findings:	1.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/07/1990	Findings:	.050 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	05/23/1990	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/23/1990	Findings:	3.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/23/1990	Findings:	.040 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	09/06/1990	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/06/1990	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/31/1992	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/31/1992	Findings:	670.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/31/1992	Findings:	7.730
Chemical:	PH (LABORATORY)		
Sample Collected:	08/31/1992	Findings:	250.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/31/1992	Findings:	1.500 UG/L
Chemical:	NITRITE NITROGEN (NO ₂ -N)		
Sample Collected:	08/31/1992	Findings:	.030 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	08/31/1992	Findings:	300.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/31/1992	Findings:	81.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/31/1992	Findings:	23.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/31/1992	Findings:	26.300 MG/L
Chemical:	SODIUM		
Sample Collected:	08/31/1992	Findings:	22.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/31/1992	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/31/1992	Findings:	2.600 UG/L
Chemical:	CADMIUM		
Sample Collected:	08/31/1992	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/31/1992	Findings:	11.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/31/1992	Findings:	422.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/31/1992	Findings:	16.100 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/31/1992	Findings:	1.500 UG/L
Chemical:	MERCURY		
Sample Collected:	08/31/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/31/1992	Findings:	.100 MG/L
Chemical:	BROMIDE		
Sample Collected:	10/18/1994	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/18/1994	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/18/1994	Findings:	4.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/18/1994	Findings:	.700 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/18/1994	Findings:	12.600 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/18/1994	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/18/1994	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/22/1995	Findings:	16.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/22/1995	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/22/1995	Findings:	775.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/22/1995	Findings:	7.390
Chemical:	FIELD PH		
Sample Collected:	03/22/1995	Findings:	7.150
Chemical:	PH (LABORATORY)		
Sample Collected:	03/22/1995	Findings:	299.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/22/1995	Findings:	365.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/22/1995	Findings:	.060 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/22/1995	Findings:	381.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/22/1995	Findings:	104.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/22/1995	Findings:	20.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/22/1995	Findings:	33.200 MG/L
Chemical:	SODIUM		
Sample Collected:	03/22/1995	Findings:	34.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/22/1995	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/22/1995	Findings:	26.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/22/1995	Findings:	145.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/22/1995	Findings:	.400 UG/L
Chemical:	BORON		
Sample Collected:	03/22/1995	Findings:	18.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/22/1995	Findings:	4.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	10.900 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/22/1995	Findings:	2.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	.010 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	03/22/1995	Findings:	.830 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/22/1995	Findings:	16.400 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/22/1995	Findings:	.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/22/1995	Findings:	3.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	12.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	475.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/22/1995	Findings:	.080
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/22/1995	Findings:	28.750 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/22/1995	Findings:	.010 UG/L
Chemical:	IODIDE		
Sample Collected:	03/22/1995	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	.500 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/22/1995	Findings:	.230 MG/L
Chemical:	BROMIDE		
Sample Collected:	03/22/1995	Findings:	.950 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	6490.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/28/1995	Findings:	7.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/28/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/28/1995	Findings:	8.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/28/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/28/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	06/28/1995	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/14/1995	Findings:	13.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/14/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/14/1995	Findings:	11.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/14/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/14/1995	Findings:	.400 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	09/14/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/14/1995	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/14/1995	Findings:	3.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/08/1996	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/08/1996	Findings:	3.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/08/1996	Findings:	13.730 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/25/1996	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/25/1996	Findings:	.700 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	11/25/1996	Findings:	5.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/09/1996	Findings:	2.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/09/1996	Findings:	6.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/14/1997	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/14/1997	Findings:	2920.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/12/1997	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/17/1997	Findings:	1.200 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	04/17/1997	Findings:	1.100 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	04/17/1997	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/17/1997	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/17/1997	Findings:	1.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/17/1997	Findings:	10.450 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/17/1997	Findings:	3.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/17/1997	Findings:	2360.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/22/1997	Findings:	.890 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	05/22/1997	Findings:	.840 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/22/1997	Findings:	1.410 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	05/22/1997	Findings:	1.220 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/22/1997	Findings:	1.080 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/22/1997	Findings:	3.730 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/22/1997	Findings:	10.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/22/1997	Findings:	1.120 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/22/1997	Findings:	4.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/04/1997	Findings:	.970 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/04/1997	Findings:	1.910 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	06/04/1997	Findings:	.790 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	06/04/1997	Findings:	.890 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/04/1997	Findings:	3.710 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/04/1997	Findings:	2.100 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/04/1997	Findings:	12.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/04/1997	Findings:	1.290 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/04/1997	Findings:	3.590 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/09/1997	Findings:	1.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/09/1997	Findings:	1.700 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	07/09/1997	Findings:	.800 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	07/09/1997	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/09/1997	Findings:	5.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/09/1997	Findings:	20.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/09/1997	Findings:	28.930 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/09/1997	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/09/1997	Findings:	3.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/09/1997	Findings:	6530.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	08/29/1997	Findings:	1.240 UG/L
Chemical:	CARBON TETRACHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/29/1997	Findings:	1.360 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	08/29/1997	Findings:	.610 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	08/29/1997	Findings:	1.020 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/29/1997	Findings:	5.610 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/29/1997	Findings:	.530 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/29/1997	Findings:	26.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/29/1997	Findings:	1.810 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/29/1997	Findings:	2.990 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/09/1997	Findings:	1.010 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/09/1997	Findings:	1.440 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	09/09/1997	Findings:	.880 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/09/1997	Findings:	4.390 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/09/1997	Findings:	1.280 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/09/1997	Findings:	28.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/09/1997	Findings:	1.490 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/09/1997	Findings:	2.320 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/21/1997	Findings:	1.550 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/21/1997	Findings:	.690 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/21/1997	Findings:	5.420 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	.630 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	1.890 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/21/1997	Findings:	35.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	35.260 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/21/1997	Findings:	1.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/21/1997	Findings:	.690 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/21/1997	Findings:	7960.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/09/1997	Findings:	.950 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	12/09/1997	Findings:	1.150 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/09/1997	Findings:	1.300 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	12/09/1997	Findings:	1.520 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	12/09/1997	Findings:	1.310 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/09/1997	Findings:	5.950 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/09/1997	Findings:	.630 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/09/1997	Findings:	1.860 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/09/1997	Findings:	47.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/09/1997	Findings:	1.140 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/09/1997	Findings:	5.080 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

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CA WELLS 555

Water System Information:

Prime Station Code:	01N/14W-08A01 S	User ID:	MET
FRDS Number:	1910067082	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182200.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 21		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	01/16/1985	Findings:	3.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/14/1985	Findings:	6.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/14/1985	Findings:	1.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/14/1985	Findings:	2.500 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/14/1985	Findings:	1.300 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	05/14/1985	Findings:	83.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/13/1987	Findings:	5.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/13/1987	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/13/1987	Findings:	7.000 UG/L
Chemical:	DICHLOROMETHANE		
Sample Collected:	03/13/1987	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/13/1987	Findings:	8.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/13/1987	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/12/1987	Findings:	1.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/12/1987	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/12/1987	Findings:	3.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/17/1987	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/17/1987	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/01/1987	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/01/1987	Findings:	3.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/06/1987	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/06/1987	Findings:	3.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/04/1987	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/04/1987	Findings:	3.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/04/1988	Findings:	4.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/04/1988	Findings:	4.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/05/1988	Findings:	4.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1988	Findings:	5.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/04/1988	Findings:	4.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/04/1988	Findings:	4.300 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/02/1988	Findings:	7.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/02/1988	Findings:	6.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/24/1988	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/24/1988	Findings:	7.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/24/1988	Findings:	7.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/01/1988	Findings:	1.400 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/01/1988	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/01/1988	Findings:	6.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/01/1988	Findings:	4.700 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	06/01/1988	Findings:	4.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/01/1988	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/05/1988	Findings:	7.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/05/1988	Findings:	5.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/15/1988	Findings:	1.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	08/15/1988	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/15/1988	Findings:	10.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/15/1988	Findings:	.800 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	08/15/1988	Findings:	6.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/15/1988	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/15/1988	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/01/1988	Findings:	1.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/01/1988	Findings:	7.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/01/1988	Findings:	5.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/03/1988	Findings:	7.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/03/1988	Findings:	5.900 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/07/1988	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/07/1988	Findings:	6.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/07/1988	Findings:	.900 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	11/07/1988	Findings:	5.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/07/1988	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/01/1988	Findings:	9.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/01/1988	Findings:	6.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/04/1989	Findings:	2.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/06/1989	Findings:	1.400 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/06/1989	Findings:	8.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/06/1989	Findings:	6.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/03/1989	Findings:	2.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/03/1989	Findings:	9.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/03/1989	Findings:	7.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/05/1989	Findings:	3.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/05/1989	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/05/1989	Findings:	9.600 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	04/05/1989	Findings:	2.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	04/05/1989	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	05/01/1989	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/01/1989	Findings:	8.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/01/1989	Findings:	3.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/18/1989	Findings:	2.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/18/1989	Findings:	13.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/18/1989	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/18/1989	Findings:	7.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/01/1989	Findings:	2.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/03/1989	Findings:	8.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/17/1989	Findings:	.800 UG/L
Chemical:	BENZENE		
Sample Collected:	08/17/1989	Findings:	17.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/17/1989	Findings:	10.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/17/1989	Findings:	5.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/17/1989	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/17/1989	Findings:	11.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	08/17/1989	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/17/1989	Findings:	.200 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	09/05/1989	Findings:	20.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/05/1989	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/01/1989	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	11/01/1989	Findings:	712.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/01/1989	Findings:	7.710
Chemical:	PH (LABORATORY)		
Sample Collected:	11/01/1989	Findings:	266.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	11/01/1989	Findings:	308.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	11/01/1989	Findings:	88.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/01/1989	Findings:	21.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	11/01/1989	Findings:	31.000 MG/L
Chemical:	SODIUM		
Sample Collected:	11/01/1989	Findings:	3.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/01/1989	Findings:	22.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/01/1989	Findings:	.440 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/01/1989	Findings:	1.500 UG/L
Chemical:	CARBON TETRACHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/01/1989	Findings:	21.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/01/1989	Findings:	.100 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	11/01/1989	Findings:	10.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/01/1989	Findings:	284.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/01/1989	Findings:	35.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/01/1989	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/01/1989	Findings:	7.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/01/1989	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/01/1989	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/01/1989	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	02/07/1990	Findings:	14.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/07/1990	Findings:	7.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/10/1993	Findings:	10.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/10/1993	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/10/1993	Findings:	5.400 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/10/1993	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/10/1993	Findings:	25.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/10/1993	Findings:	11.000 UG/L
Chemical:	TRICHLOROETHYLENE		

C26
ENE
 1/2 - 1 Mile
 Higher

CA WELLS 556

Water System Information:

Prime Station Code:	01N/14W-08A02 S	User ID:	MET
FRDS Number:	1910067081	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182200.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910067
 System Name: LOS ANGELES-CITY, DEPT. OF WATER & POWER
 Organization That Operates System:
 P.O. BOX 51111, ROOM 1420
 LOS ANGELES, CA 90051

Pop Served: 3700000 Connections: 657422
 Area Served: LOS ANGELES

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/26/1987	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/26/1987	Findings:	17.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/17/1987	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/17/1987	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/01/1987	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/01/1987	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/06/1987	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/06/1987	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/01/1987	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/01/1987	Findings:	16.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/04/1988	Findings:	2.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/04/1988	Findings:	17.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/05/1988	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1988	Findings:	21.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/04/1988	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/04/1988	Findings:	15.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/03/1988	Findings:	2.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/03/1988	Findings:	22.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/09/1989	Findings:	1.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/09/1989	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/09/1989	Findings:	5.100 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/09/1989	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/09/1989	Findings:	20.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/09/1989	Findings:	3.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/09/1989	Findings:	.200 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/22/1989	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/22/1989	Findings:	4.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/03/1989	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/03/1989	Findings:	5.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/17/1989	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/17/1989	Findings:	8.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/27/1989	Findings:	2.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	08/27/1989	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/27/1989	Findings:	2.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/27/1989	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/27/1989	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/29/1989	Findings:	4.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/29/1989	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/29/1989	Findings:	1.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/29/1989	Findings:	.200 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	09/05/1989	Findings:	3.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/05/1989	Findings:	12.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/27/1989	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	11/27/1989	Findings:	628.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/27/1989	Findings:	7.530
Chemical:	PH (LABORATORY)		
Sample Collected:	11/27/1989	Findings:	258.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/27/1989	Findings:	300.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	11/27/1989	Findings:	82.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/27/1989	Findings:	23.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	11/27/1989	Findings:	31.000 MG/L
Chemical:	SODIUM		
Sample Collected:	11/27/1989	Findings:	3.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/27/1989	Findings:	20.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/27/1989	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/27/1989	Findings:	1.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/27/1989	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/27/1989	Findings:	1.500 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/27/1989	Findings:	2.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/27/1989	Findings:	418.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/27/1989	Findings:	23.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	11/27/1989	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/27/1989	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/27/1989	Findings:	8.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/27/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/27/1989	Findings:	9.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	11/27/1989	Findings:	5.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/27/1990	Findings:	.600 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	02/27/1990	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02/27/1990	Findings:	.600 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	02/27/1990	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/27/1990	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/27/1990	Findings:	1.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/24/1990	Findings:	1.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/24/1990	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/24/1990	Findings:	10.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	17.900 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/22/1995	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/22/1995	Findings:	761.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/22/1995	Findings:	7.510
Chemical:	FIELD PH		
Sample Collected:	03/22/1995	Findings:	7.270
Chemical:	PH (LABORATORY)		
Sample Collected:	03/22/1995	Findings:	291.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/22/1995	Findings:	355.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/22/1995	Findings:	.060 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/22/1995	Findings:	352.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/22/1995	Findings:	104.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/22/1995	Findings:	19.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/22/1995	Findings:	31.600 MG/L
Chemical:	SODIUM		
Sample Collected:	03/22/1995	Findings:	33.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/22/1995	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/22/1995	Findings:	26.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/22/1995	Findings:	127.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/22/1995	Findings:	.360 UG/L
Chemical:	BORON		
Sample Collected:	03/22/1995	Findings:	33.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/22/1995	Findings:	6.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	13.800 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/22/1995	Findings:	2.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	.240 PCI/L
Chemical:	RA 226 + RA 228		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/22/1995	Findings:	.820 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	16.800 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/22/1995	Findings:	5.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/22/1995	Findings:	1.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/22/1995	Findings:	2.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	03/22/1995	Findings:	4.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	1.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	03/22/1995	Findings:	28.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	452.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/22/1995	Findings:	.180
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/22/1995	Findings:	28.440 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/22/1995	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/22/1995	Findings:	1.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/22/1995	Findings:	.950 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	6420.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/24/1996	Findings:	1.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/24/1996	Findings:	4.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/24/1996	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/24/1996	Findings:	1.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/24/1996	Findings:	7.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/24/1996	Findings:	15.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/24/1997	Findings:	9.640 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/24/1997	Findings:	.650 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/24/1997	Findings:	3.220 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/24/1997	Findings:	2.920 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/24/1997	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	09/24/1997	Findings:	.680 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	09/24/1997	Findings:	10.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/24/1997	Findings:	43.370 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/24/1997	Findings:	1.020 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/24/1997	Findings:	.650 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/24/1997	Findings:	9790.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/17/1997	Findings:	9.830 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/17/1997	Findings:	.690 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/17/1997	Findings:	2.540 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/17/1997	Findings:	2.510 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/17/1997	Findings:	8.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/17/1997	Findings:	1.150 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/17/1997	Findings:	.690 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

C27
ENE
1/2 - 1 Mile
Higher

CA WELLS 559

Water System Information:

Prime Station Code:	01N/14W-08B01 S	User ID:	MET
FRDS Number:	1910067080	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182200.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 19		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	02/07/1990	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/07/1990	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/07/1990	Findings:	.200 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/14/1990	Findings:	.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/14/1990	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/14/1990	Findings:	23.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/14/1990	Findings:	.700 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	06/14/1990	Findings:	17.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/14/1990	Findings:	.600 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	06/14/1990	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/06/1990	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/06/1990	Findings:	24.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/06/1990	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/06/1990	Findings:	15.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/06/1990	Findings:	2.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

C28
ENE
1/2 - 1 Mile
Higher

CA WELLS 561

Water System Information:

Prime Station Code:	01N/14W-08D01 S	User ID:	MET
FRDS Number:	1910067147	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	341200.0 1182200.0	Precision:	Undefined
Source Name:	WHITNALL WELL 02 - INACTIVE		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	12/12/1984	Findings:	3.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/12/1984	Findings:	3.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/12/1984	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/12/1984	Findings:	94.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/25/1985	Findings:	1.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/25/1985	Findings:	1.200 UG/L
Chemical:	MONOCHLOROBENZENE		
Sample Collected:	02/25/1985	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/25/1985	Findings:	64.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/25/1985	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/25/1985	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/25/1985	Findings:	125.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/25/1985	Findings:	.820 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/15/1985	Findings:	2.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/15/1985	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/15/1985	Findings:	106.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/15/1985	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/17/1989	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/17/1989	Findings:	13.000 UG/L
Chemical:	TRICHLOROETHYLENE		

**C29
ENE
1/2 - 1 Mile
Higher**

CA WELLS 527

Water System Information:

Prime Station Code:	01N/14W-05N01 S	User ID:	MET
FRDS Number:	1910067077	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182200.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 16		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910067
System Name: LOS ANGELES-CITY, DEPT. OF WATER & POWER
Organization That Operates System:

P.O. BOX 51111, ROOM 1420
LOS ANGELES, CA 90051

Pop Served: 3700000
Area Served: LOS ANGELES

Connections: 657422

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/17/1987	Findings:	7.800 UG/L
Chemical:	DICHLOROMETHANE		
Sample Collected:	03/17/1987	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/17/1987	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/18/1989	Findings:	8.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/18/1989	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/18/1989	Findings:	22.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/18/1989	Findings:	2.800 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/18/1989	Findings:	.700 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	05/18/1989	Findings:	.400 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	05/18/1989	Findings:	14.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/18/1989	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/18/1989	Findings:	.800 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	05/18/1989	Findings:	5.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/18/1989	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/17/1989	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/17/1989	Findings:	8.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/17/1989	Findings:	11.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/17/1989	Findings:	3.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/17/1989	Findings:	9.300 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	08/17/1989	Findings:	1.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/17/1989	Findings:	.300 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/23/1990	Findings:	9.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/23/1990	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/23/1990	Findings:	8.100 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/23/1990	Findings:	1.800 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/23/1990	Findings:	.900 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	05/23/1990	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	05/23/1990	Findings:	15.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/23/1990	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/23/1990	Findings:	601.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/23/1990	Findings:	7.300
Chemical:	FIELD PH		
Sample Collected:	05/23/1990	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	05/23/1990	Findings:	230.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	05/23/1990	Findings:	288.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	05/23/1990	Findings:	85.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/23/1990	Findings:	18.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/23/1990	Findings:	27.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/23/1990	Findings:	3.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/23/1990	Findings:	20.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/23/1990	Findings:	.570 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/23/1990	Findings:	5.000 UG/L
Chemical:	CADMIUM		
Sample Collected:	05/23/1990	Findings:	2.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/23/1990	Findings:	6.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/23/1990	Findings:	291.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/23/1990	Findings:	.200
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/23/1990	Findings:	32.000 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/23/1990	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/23/1990	Findings:	.400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/06/1990	Findings:	5.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/06/1990	Findings:	11.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/06/1990	Findings:	10.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	16.500 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/22/1995	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/22/1995	Findings:	709.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/22/1995	Findings:	7.410
Chemical:	FIELD PH		
Sample Collected:	03/22/1995	Findings:	7.220
Chemical:	PH (LABORATORY)		
Sample Collected:	03/22/1995	Findings:	279.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/22/1995	Findings:	340.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/22/1995	Findings:	.070 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/22/1995	Findings:	332.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/22/1995	Findings:	96.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/22/1995	Findings:	18.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/22/1995	Findings:	29.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/22/1995	Findings:	29.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/22/1995	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/22/1995	Findings:	25.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/22/1995	Findings:	128.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/22/1995	Findings:	.330 UG/L
Chemical:	BORON		
Sample Collected:	03/22/1995	Findings:	21.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/22/1995	Findings:	4.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	10.200 PCI/L
Chemical:	GROSS BETA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/22/1995	Findings:	1.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	- .120 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	03/22/1995	Findings:	.670 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	10.600 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/22/1995	Findings:	1.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	03/22/1995	Findings:	1.200 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	03/22/1995	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/22/1995	Findings:	7.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	4.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	425.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/22/1995	Findings:	.090
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/22/1995	Findings:	25.690 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/22/1995	Findings:	1.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	.550 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/22/1995	Findings:	3.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/22/1995	Findings:	.200 MG/L
Chemical:	BROMIDE		
Sample Collected:	03/22/1995	Findings:	.630 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	5800.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/29/1995	Findings:	13.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/29/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1995	Findings:	7.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/29/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/29/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	06/29/1995	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/29/1995	Findings:	1.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/28/1995	Findings:	7.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1995	Findings:	11.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	07/28/1995	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/28/1995	Findings:	.400 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	07/28/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	07/28/1995	Findings:	4.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/28/1995	Findings:	1.500 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	07/28/1995	Findings:	1.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/28/1995	Findings:	1.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/23/1996	Findings:	12.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/23/1996	Findings:	2.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/23/1996	Findings:	16.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/23/1996	Findings:	1.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

C30
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1/2 - 1 Mile
Higher

CA WELLS 557

Water System Information:

Prime Station Code:	01N/14W-08A03 S	User ID:	MET
FRDS Number:	1910067096	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341200.0 1182200.0	Precision:	Undefined
Source Name:	NORTH HOLLYWOOD WELL 35		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	05/27/1986	Findings:	1.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/27/1986	Findings:	2.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/27/1986	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/27/1986	Findings:	5.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/27/1986	Findings:	5.800 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	05/27/1986	Findings:	2.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	05/27/1986	Findings:	20.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	17.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/22/1995	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/22/1995	Findings:	610.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/22/1995	Findings:	7.650
Chemical:	FIELD PH		
Sample Collected:	03/22/1995	Findings:	7.380
Chemical:	PH (LABORATORY)		
Sample Collected:	03/22/1995	Findings:	249.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/22/1995	Findings:	304.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/22/1995	Findings:	.060 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/22/1995	Findings:	279.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/22/1995	Findings:	80.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/22/1995	Findings:	16.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/22/1995	Findings:	29.700 MG/L
Chemical:	SODIUM		
Sample Collected:	03/22/1995	Findings:	18.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/22/1995	Findings:	.450 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/22/1995	Findings:	25.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/22/1995	Findings:	.300 UG/L
Chemical:	BORON		
Sample Collected:	03/22/1995	Findings:	13.300 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/22/1995	Findings:	3.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	8.300 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/22/1995	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	.100 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	03/22/1995	Findings:	.660 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	9.700 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/22/1995	Findings:	1.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/22/1995	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	4.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	321.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/22/1995	Findings:	.130
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/22/1995	Findings:	13.730 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/22/1995	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/22/1995	Findings:	.570 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/22/1995	Findings:	3100.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/28/1995	Findings:	12.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1995	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	07/28/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/28/1995	Findings:	.200 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	07/28/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	07/28/1995	Findings:	.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/28/1995	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/28/1995	Findings:	1.900 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/21/1995	Findings:	8.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/21/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/21/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/21/1995	Findings:	.300 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	12/21/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	12/21/1995	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/21/1995	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/28/1996	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02/28/1996	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/28/1996	Findings:	2.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/23/1996	Findings:	1.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/23/1996	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/23/1996	Findings:	4.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/23/1996	Findings:	14.260 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/09/1996	Findings:	1.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	08/09/1996	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/09/1996	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/09/1996	Findings:	5.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/24/1996	Findings:	2.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/24/1996	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/24/1996	Findings:	7.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/24/1996	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/24/1996	Findings:	11.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/24/1996	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/22/1996	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/22/1996	Findings:	4.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	6.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/31/1996	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/31/1996	Findings:	.600 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	12/31/1996	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/24/1997	Findings:	.650 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/24/1997	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/24/1997	Findings:	.570 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/24/1997	Findings:	12.090 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/24/1997	Findings:	2730.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/17/1997	Findings:	.670 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/17/1997	Findings:	1.130 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/17/1997	Findings:	.530 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/15/1997	Findings:	.540 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/15/1997	Findings:	1.180 UG/L
Chemical:	TETRACHLOROETHYLENE		

D31
ESE
1/2 - 1 Mile
Lower

CA WELLS 22816

Water System Information:

Prime Station Code:	G19/067-STCNYRL	User ID:	MET
FRDS Number:	1910067192	County:	Los Angeles
District Number:	15	Station Type:	RESVR/AMBNT/MUN/INTAKE
Water Type:	Surface Water	Well Status:	Active Untreated
Source Lat/Long:	341129.1 1182201.1	Precision:	1 Mile (One Minute)
Source Name:	STONE CANYON RESERVOIR-LOWER (OPEN DIS)		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	08/09/1995	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/09/1995	Findings:	378.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/09/1995	Findings:	7.050
Chemical:	PH (LABORATORY)		
Sample Collected:	08/09/1995	Findings:	93.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/09/1995	Findings:	113.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/09/1995	Findings:	.050 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	08/09/1995	Findings:	89.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/09/1995	Findings:	24.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/09/1995	Findings:	5.990 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/09/1995	Findings:	39.300 MG/L
Chemical:	SODIUM		
Sample Collected:	08/09/1995	Findings:	36.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/09/1995	Findings:	.610 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/09/1995	Findings:	17.000 MG/L
Chemical:	SILICA		
Sample Collected:	08/09/1995	Findings:	11.700 UG/L
Chemical:	ARSENIC		
Sample Collected:	08/09/1995	Findings:	.670 UG/L
Chemical:	BORON		
Sample Collected:	08/09/1995	Findings:	11.800 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	08/09/1995	Findings:	5.800 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	08/09/1995	Findings:	58.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/09/1995	Findings:	224.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/09/1995	Findings:	- 1.140
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	08/09/1995	Findings:	20.000
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	08/09/1995	Findings:	.010 UG/L
Chemical:	IODIDE		
Sample Collected:	08/09/1995	Findings:	.600 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/09/1995	Findings:	76.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/24/1995	Findings:	7.000 UNITS
Chemical:	COLOR		
Sample Collected:	10/24/1995	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/24/1995	Findings:	274.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/24/1995	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	10/24/1995	Findings:	83.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/24/1995	Findings:	101.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/24/1995	Findings:	.030 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	10/24/1995	Findings:	69.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/24/1995	Findings:	23.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/24/1995	Findings:	5.820 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/24/1995	Findings:	33.300 MG/L
Chemical:	SODIUM		
Sample Collected:	10/24/1995	Findings:	3.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/24/1995	Findings:	35.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/24/1995	Findings:	.460 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/24/1995	Findings:	17.000 MG/L
Chemical:	SILICA		
Sample Collected:	10/24/1995	Findings:	11.500 UG/L
Chemical:	ARSENIC		
Sample Collected:	10/24/1995	Findings:	.480 UG/L
Chemical:	BORON		
Sample Collected:	10/24/1995	Findings:	17.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	10/24/1995	Findings:	9.200 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	10/24/1995	Findings:	6.000 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	10/24/1995	Findings:	22.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/24/1995	Findings:	198.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/24/1995	Findings:	- .700
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	10/24/1995	Findings:	20.000
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	10/24/1995	Findings:	.020 UG/L
Chemical:	IODIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/24/1995	Findings:	.650 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/24/1995	Findings:	37.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/29/1996	Findings:	12.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/29/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/29/1996	Findings:	10.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	02/29/1996	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/29/1996	Findings:	.700 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	02/29/1996	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	02/29/1996	Findings:	9.100 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	02/29/1996	Findings:	4.200 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	02/29/1996	Findings:	16.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/29/1996	Findings:	30.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/29/1996	Findings:	19.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/29/1996	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/29/1996	Findings:	350.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/29/1996	Findings:	7.760
Chemical:	PH (LABORATORY)		
Sample Collected:	02/29/1996	Findings:	111.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	02/29/1996	Findings:	135.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/29/1996	Findings:	.020 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	02/29/1996	Findings:	244.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	02/29/1996	Findings:	25.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/29/1996	Findings:	6.550 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/29/1996	Findings:	36.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/29/1996	Findings:	4.450 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/29/1996	Findings:	20.300 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/29/1996	Findings:	.530 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/29/1996	Findings:	22.000 MG/L
Chemical:	SILICA		
Sample Collected:	02/29/1996	Findings:	8.900 UG/L
Chemical:	ARSENIC		
Sample Collected:	02/29/1996	Findings:	.620 UG/L
Chemical:	BORON		
Sample Collected:	02/29/1996	Findings:	196.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/29/1996	Findings:	- .190
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/29/1996	Findings:	.020 UG/L
Chemical:	IODIDE		
Sample Collected:	02/29/1996	Findings:	.250 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/11/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/11/1996	Findings:	6.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/11/1996	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/11/1996	Findings:	7.700 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	06/11/1996	Findings:	3.300 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	06/11/1996	Findings:	21.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/11/1996	Findings:	32.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/21/1996	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/21/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/21/1996	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/21/1996	Findings:	6.800 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	08/21/1996	Findings:	3.600 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	08/21/1996	Findings:	26.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/21/1996	Findings:	37.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/05/1997	Findings:	18.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/05/1997	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/05/1997	Findings:	370.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/05/1997	Findings:	7.110
Chemical:	PH (LABORATORY)		
Sample Collected:	02/05/1997	Findings:	87.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	02/05/1997	Findings:	106.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/05/1997	Findings:	.010 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	02/05/1997	Findings:	96.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	02/05/1997	Findings:	26.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/05/1997	Findings:	7.080 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/05/1997	Findings:	36.100 MG/L
Chemical:	SODIUM		
Sample Collected:	02/05/1997	Findings:	3.780 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/05/1997	Findings:	37.390 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/05/1997	Findings:	.490 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/05/1997	Findings:	19.800 MG/L
Chemical:	SILICA		
Sample Collected:	02/05/1997	Findings:	4.200 UG/L
Chemical:	ARSENIC		
Sample Collected:	02/05/1997	Findings:	.510 UG/L
Chemical:	BORON		
Sample Collected:	02/05/1997	Findings:	50.600 UG/L
Chemical:	COPPER		
Sample Collected:	02/05/1997	Findings:	10.500 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/05/1997	Findings:	10.700 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	02/05/1997	Findings:	5.500 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	02/05/1997	Findings:	42.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/05/1997	Findings:	220.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/05/1997	Findings:	- .960
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/05/1997	Findings:	.019 UG/L
Chemical:	IODIDE		
Sample Collected:	02/05/1997	Findings:	.400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/05/1997	Findings:	58.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/05/1997	Findings:	19.100 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/05/1997	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	11/05/1997	Findings:	302.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/05/1997	Findings:	7.420
Chemical:	PH (LABORATORY)		
Sample Collected:	11/05/1997	Findings:	77.500 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	11/05/1997	Findings:	94.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/05/1997	Findings:	.020 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	11/05/1997	Findings:	73.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	11/05/1997	Findings:	24.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/05/1997	Findings:	6.150 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	11/05/1997	Findings:	31.700 MG/L
Chemical:	SODIUM		
Sample Collected:	11/05/1997	Findings:	3.510 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/05/1997	Findings:	34.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/05/1997	Findings:	.490 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/05/1997	Findings:	18.300 MG/L
Chemical:	SILICA		
Sample Collected:	11/05/1997	Findings:	6.300 UG/L
Chemical:	ARSENIC		
Sample Collected:	11/05/1997	Findings:	.440 UG/L
Chemical:	BORON		
Sample Collected:	11/05/1997	Findings:	1.200 UG/L
Chemical:	CADMIUM		
Sample Collected:	11/05/1997	Findings:	7.170 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	11/05/1997	Findings:	.530 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	11/05/1997	Findings:	4.590 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	11/05/1997	Findings:	21.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/05/1997	Findings:	188.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/05/1997	Findings:	- .770
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	11/05/1997	Findings:	.020 UG/L
Chemical:	IODIDE		
Sample Collected:	11/05/1997	Findings:	.450 NTU
Chemical:	TURBIDITY (LAB)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 11/05/1997
Chemical: TOTAL TRIHALOMETHANES

Findings: 33.890 UG/L

D32
ESE
1/2 - 1 Mile
Lower

CA WELLS 22818

Water System Information:

Prime Station Code:	G19/067-SYSNHAO	User ID:	MET
FRDS Number:	1910067159	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	341130.1 1182200.1	Precision:	1 Mile (One Minute)
Source Name:	NORTH HOLLYWOOD AERATION TOWER OUTLET		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	01/05/1990	Findings:	3.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	2.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/16/1990	Findings:	2.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/05/1990	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	1.100 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	01/07/1991	Findings:	2.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	.600 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	03/07/1991	Findings:	1.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	1.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	.800 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	05/13/1991	Findings:	3.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/12/1991	Findings:	2.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	.800 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	08/13/1991	Findings:	1.100 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/10/1991	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/09/1991	Findings:	.900 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	03/26/1992	Findings:	23.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/26/1992	Findings:	7.820
Chemical:	PH (LABORATORY)		
Sample Collected:	03/26/1992	Findings:	250.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/26/1992	Findings:	.650 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/26/1992	Findings:	96.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/26/1992	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	483.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/19/1992	Findings:	22.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/19/1992	Findings:	7.940
Chemical:	PH (LABORATORY)		
Sample Collected:	05/19/1992	Findings:	232.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/19/1992	Findings:	.410 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/19/1992	Findings:	87.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/19/1992	Findings:	2.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	406.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/11/1992	Findings:	18.500 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/11/1992	Findings:	8.080
Chemical:	PH (LABORATORY)		
Sample Collected:	06/11/1992	Findings:	232.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/11/1992	Findings:	88.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/11/1992	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	482.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/20/1992	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	19.700 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	09/15/1992	Findings:	8.390
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/15/1992	Findings:	264.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	09/15/1992	Findings:	101.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/15/1992	Findings:	497.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/15/1992	Findings:	16.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/15/1992	Findings:	8.270
Chemical:	PH (LABORATORY)		
Sample Collected:	12/15/1992	Findings:	248.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	12/15/1992	Findings:	92.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/15/1992	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	458.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/15/1992	Findings:	48.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/15/1992	Findings:	.700 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	03/10/1993	Findings:	21.100 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/10/1993	Findings:	8.240
Chemical:	PH (LABORATORY)		
Sample Collected:	03/10/1993	Findings:	218.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/10/1993	Findings:	.130 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/10/1993	Findings:	80.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/10/1993	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/10/1993	Findings:	358.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/14/1993	Findings:	19.700 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/14/1993	Findings:	235.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/14/1993	Findings:	.130 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	07/14/1993	Findings:	89.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/14/1993	Findings:	1.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	454.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/15/1994	Findings:	21.000 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/15/1994	Findings:	8.020
Chemical:	PH (LABORATORY)		
Sample Collected:	12/15/1994	Findings:	254.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	12/15/1994	Findings:	89.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1995	Findings:	.210 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	06/21/1995	Findings:	83.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1995	Findings:	1.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/21/1995	Findings:	419.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/10/1997	Findings:	263.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/10/1997	Findings:	.130 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	07/10/1997	Findings:	98.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/10/1997	Findings:	2.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/10/1997	Findings:	483.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/14/1998	Findings:	2.200 UG/L
Chemical:	TRICHLOROETHYLENE		

D33
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 1/2 - 1 Mile
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CA WELLS 560

Water System Information:

Prime Station Code:	01N/14W-08B03 S	User ID:	MET
FRDS Number:	1910067067	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341130.0 1182200.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	NORTH HOLLYWOOD AERATION WELL 07		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/21/1989	Findings:	8.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/21/1989	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	16.300 PCI/L
Chemical:	URANIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/21/1989	Findings:	5.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/21/1989	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	18.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/21/1989	Findings:	3.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	.300 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/21/1989	Findings:	846.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1989	Findings:	7.660
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1989	Findings:	246.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/21/1989	Findings:	300.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1989	Findings:	360.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/21/1989	Findings:	100.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1989	Findings:	27.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1989	Findings:	31.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1989	Findings:	4.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1989	Findings:	44.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1989	Findings:	.440 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1989	Findings:	300.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/21/1989	Findings:	80.000 UG/L
Chemical:	ZINC		
Sample Collected:	06/21/1989	Findings:	528.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1989	Findings:	66.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/21/1989	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/28/1989	Findings:	9.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/28/1989	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/28/1989	Findings:	15.000 PCI/L
Chemical:	GROSS BETA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/28/1989	Findings:	4.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/28/1989	Findings:	1.000 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	12/28/1989	Findings:	1.000 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	12/28/1989	Findings:	.040 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	01/05/1990	Findings:	5.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	104.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/20/1990	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/20/1990	Findings:	4.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/20/1990	Findings:	76.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/20/1990	Findings:	.040 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	04/06/1990	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/06/1990	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/06/1990	Findings:	4.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/06/1990	Findings:	86.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/06/1990	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/06/1990	Findings:	17.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/06/1990	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/06/1990	Findings:	21.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/06/1990	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/06/1990	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/06/1990	Findings:	16.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/06/1990	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/06/1990	Findings:	862.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/06/1990	Findings:	7.700
Chemical:	FIELD PH		
Sample Collected:	06/06/1990	Findings:	7.400
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/06/1990	Findings:	298.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/06/1990	Findings:	425.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/06/1990	Findings:	112.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/06/1990	Findings:	35.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/06/1990	Findings:	34.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/06/1990	Findings:	3.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/06/1990	Findings:	46.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/06/1990	Findings:	.690 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/06/1990	Findings:	100.000 UG/L
Chemical:	ZINC		
Sample Collected:	06/06/1990	Findings:	401.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/06/1990	Findings:	.600
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/06/1990	Findings:	84.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/06/1990	Findings:	.050 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	06/06/1990	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/05/1990	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/05/1990	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/05/1990	Findings:	7.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	1.300 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	07/05/1990	Findings:	193.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/09/1991	Findings:	1.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/09/1991	Findings:	4.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/09/1991	Findings:	62.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/09/1991	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/09/1991	Findings:	.030 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	02/05/1991	Findings:	1.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02/05/1991	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	32.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/07/1991	Findings:	1.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/07/1991	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/07/1991	Findings:	5.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/07/1991	Findings:	81.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/07/1991	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/09/1991	Findings:	26.100 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/09/1991	Findings:	7.340
Chemical:	PH (LABORATORY)		
Sample Collected:	04/09/1991	Findings:	274.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	04/09/1991	Findings:	.050 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	04/09/1991	Findings:	109.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/09/1991	Findings:	1.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/09/1991	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/09/1991	Findings:	3.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	04/09/1991	Findings:	93.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	538.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/09/1991	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/13/1991	Findings:	1.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/13/1991	Findings:	4.900 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/13/1991	Findings:	84.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/14/1991	Findings:	2.400 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/14/1991	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/14/1991	Findings:	6.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/14/1991	Findings:	88.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/14/1991	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/09/1991	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/09/1991	Findings:	1.900 UG/L
Chemical:	ETHYLBENZENE		
Sample Collected:	07/09/1991	Findings:	4.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	.800 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	07/09/1991	Findings:	74.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/13/1991	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/13/1991	Findings:	5.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/13/1991	Findings:	96.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/13/1991	Findings:	1.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/10/1991	Findings:	3.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/10/1991	Findings:	1.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/10/1991	Findings:	7.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/10/1991	Findings:	114.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/10/1991	Findings:	1.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/09/1991	Findings:	3.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/09/1991	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/09/1991	Findings:	6.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	1.500 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/09/1991	Findings:	139.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	.040 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	10/09/1991	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/05/1991	Findings:	3.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/05/1991	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/05/1991	Findings:	6.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/05/1991	Findings:	135.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/05/1991	Findings:	1.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/26/1992	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/26/1992	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/26/1992	Findings:	4.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	57.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/06/1992	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/06/1992	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/06/1992	Findings:	5.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	135.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	.040 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	05/06/1992	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/19/1992	Findings:	1.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/19/1992	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/19/1992	Findings:	5.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	55.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/20/1992	Findings:	2.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/20/1992	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/20/1992	Findings:	5.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/20/1992	Findings:	67.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/20/1992	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/15/1992	Findings:	20.500 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	09/15/1992	Findings:	7.460
Chemical:	PH (LABORATORY)		
Sample Collected:	09/15/1992	Findings:	301.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	09/15/1992	Findings:	120.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/15/1992	Findings:	3.400 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/15/1992	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/15/1992	Findings:	4.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	1.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	09/15/1992	Findings:	105.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	587.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/15/1992	Findings:	1.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/15/1992	Findings:	2.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/15/1992	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/15/1992	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/15/1992	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	38.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/10/1993	Findings:	2.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/10/1993	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/10/1993	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/10/1993	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/10/1993	Findings:	20.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/10/1993	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/10/1993	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/26/1993	Findings:	3.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/26/1993	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/26/1993	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	.800 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	01/26/1993	Findings:	.800 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	01/26/1993	Findings:	.070 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	01/26/1993	Findings:	33.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/04/1993	Findings:	1.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/04/1993	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/04/1993	Findings:	6.400 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/04/1993	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	1.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/14/1993	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	11.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/21/1994	Findings:	.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/21/1994	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/21/1994	Findings:	2.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1994	Findings:	1.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/14/1994	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1994	Findings:	3.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1994	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	1.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/15/1994	Findings:	2.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	20.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/16/1995	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/16/1995	Findings:	815.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/16/1995	Findings:	7.200
Chemical:	PH (LABORATORY)		
Sample Collected:	03/16/1995	Findings:	311.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/16/1995	Findings:	379.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/16/1995	Findings:	.070 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/16/1995	Findings:	311.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/16/1995	Findings:	110.000 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/16/1995	Findings:	23.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/16/1995	Findings:	32.500 MG/L
Chemical:	SODIUM		
Sample Collected:	03/16/1995	Findings:	37.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/16/1995	Findings:	.470 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/16/1995	Findings:	26.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/16/1995	Findings:	140.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/16/1995	Findings:	.370 UG/L
Chemical:	BORON		
Sample Collected:	03/16/1995	Findings:	22.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/16/1995	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/16/1995	Findings:	13.200 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/16/1995	Findings:	2.200 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/16/1995	Findings:	.800 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	03/16/1995	Findings:	1.200 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/16/1995	Findings:	16.900 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/16/1995	Findings:	1.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/16/1995	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/16/1995	Findings:	4.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	45.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	529.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/16/1995	Findings:	.160
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/16/1995	Findings:	41.730 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/16/1995	Findings:	.010 UG/L
Chemical:	IODIDE		
Sample Collected:	03/16/1995	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/16/1995	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/16/1995	Findings:	1.000 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/16/1995	Findings:	9420.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/31/1995	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/31/1995	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	13.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/22/1995	Findings:	17.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/22/1995	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/22/1995	Findings:	6.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/22/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/22/1995	Findings:	.500 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	09/22/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	09/22/1995	Findings:	14.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/22/1995	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/22/1995	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/22/1995	Findings:	19.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/22/1995	Findings:	2.000 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	04/24/1996	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/24/1996	Findings:	4.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/24/1996	Findings:	20.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	08/23/1996	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/23/1996	Findings:	4.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	59.700 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/23/1996	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/25/1996	Findings:	13.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/25/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/25/1996	Findings:	6.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/25/1996	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/25/1996	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	09/25/1996	Findings:	45.630 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/25/1996	Findings:	10300.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/22/1996	Findings:	1.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/22/1996	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/22/1996	Findings:	5.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	74.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	31.010 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/22/1996	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/22/1996	Findings:	7000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/05/1996	Findings:	17.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/05/1996	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/05/1996	Findings:	10.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/05/1996	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/05/1996	Findings:	21.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/05/1996	Findings:	3.000 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	12/05/1996	Findings:	8970.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/06/1997	Findings:	13.000 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/06/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/06/1997	Findings:	11.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/06/1997	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/06/1997	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/06/1997	Findings:	24.010 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/06/1997	Findings:	5420.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/29/1997	Findings:	12.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/29/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/29/1997	Findings:	12.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/29/1997	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/29/1997	Findings:	.400 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	05/29/1997	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	06/19/1997	Findings:	37.340 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/19/1997	Findings:	8430.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/17/1997	Findings:	15.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/17/1997	Findings:	3.080 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/17/1997	Findings:	14.830 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/17/1997	Findings:	2.460 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/17/1997	Findings:	1.250 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	09/17/1997	Findings:	.540 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	09/17/1997	Findings:	18.370 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/17/1997	Findings:	43.240 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/17/1997	Findings:	2.420 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	09/17/1997	Findings:	9760.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/15/1997	Findings:	1.150 UG/L
Chemical:	CARBON TETRACHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/15/1997	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/15/1997	Findings:	3.930 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	1.320 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	.660 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	67.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	40.530 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/15/1997	Findings:	.770 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/15/1997	Findings:	9150.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/12/1997	Findings:	1.170 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/12/1997	Findings:	.640 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/12/1997	Findings:	5.880 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	1.360 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	1.080 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/12/1997	Findings:	68.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	38.760 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/12/1997	Findings:	.570 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	.640 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/12/1997	Findings:	8750.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/11/1997	Findings:	16.160 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/11/1997	Findings:	3.190 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/11/1997	Findings:	12.680 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/11/1997	Findings:	2.360 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/11/1997	Findings:	13.790 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/11/1997	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/11/1997	Findings:	15.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	38.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/11/1997	Findings:	1.860 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	12/11/1997	Findings:	8600.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

D34
ESE
1/2 - 1 Mile
Lower

CA WELLS 22817

Water System Information:

Prime Station Code:	G19/067-SYSNHA1	User ID:	MET
FRDS Number:	1910067158	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	341130.2 1182200.2	Precision:	1 Mile (One Minute)
Source Name:	NORTH HOLLYWOOD AERATION TOWER INLET		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	01/05/1990	Findings:	3.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/05/1990	Findings:	2.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/05/1990	Findings:	5.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	140.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	2.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/06/1990	Findings:	1.700 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	04/06/1990	Findings:	.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/06/1990	Findings:	2.400 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	04/06/1990	Findings:	3.500 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	04/06/1990	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/06/1990	Findings:	125.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/06/1990	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/06/1990	Findings:	10.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/05/1990	Findings:	3.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/05/1990	Findings:	4.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/05/1990	Findings:	4.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	1.100 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	07/05/1990	Findings:	1.800 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	07/05/1990	Findings:	115.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	1.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	.900 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	07/05/1990	Findings:	4.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/16/1990	Findings:	7.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1990	Findings:	117.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/05/1990	Findings:	7.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/05/1990	Findings:	84.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	2.400 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	10/18/1990	Findings:	4.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/18/1990	Findings:	3.000 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	10/18/1990	Findings:	5.300 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	10/18/1990	Findings:	5.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/18/1990	Findings:	6.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	2.400 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	10/18/1990	Findings:	3.500 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/18/1990	Findings:	105.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/18/1990	Findings:	2.100 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	10/18/1990	Findings:	16.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/07/1991	Findings:	2.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/07/1991	Findings:	3.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/07/1991	Findings:	4.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	1.000 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	01/07/1991	Findings:	1.300 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	01/07/1991	Findings:	94.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	1.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	1.000 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	01/07/1991	Findings:	3.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/05/1991	Findings:	1.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02/05/1991	Findings:	2.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/05/1991	Findings:	2.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	.900 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	02/05/1991	Findings:	59.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	.800 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	02/05/1991	Findings:	2.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/07/1991	Findings:	3.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/07/1991	Findings:	3.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/07/1991	Findings:	7.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/07/1991	Findings:	82.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/07/1991	Findings:	3.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/09/1991	Findings:	2.500 UG/L
Chemical:	CARBON TETRACHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/09/1991	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/09/1991	Findings:	5.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	1.300 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	04/09/1991	Findings:	2.100 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	04/09/1991	Findings:	93.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	1.300 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	04/09/1991	Findings:	.040 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	04/09/1991	Findings:	2.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/13/1991	Findings:	3.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/13/1991	Findings:	8.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	121.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	3.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/12/1991	Findings:	3.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/12/1991	Findings:	6.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/12/1991	Findings:	83.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/12/1991	Findings:	3.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/09/1991	Findings:	3.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/09/1991	Findings:	2.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/09/1991	Findings:	7.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	2.500 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	07/09/1991	Findings:	77.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	1.500 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	07/09/1991	Findings:	2.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/13/1991	Findings:	5.400 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	08/13/1991	Findings:	4.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/13/1991	Findings:	15.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/13/1991	Findings:	101.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/13/1991	Findings:	4.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/10/1991	Findings:	4.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/10/1991	Findings:	4.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/10/1991	Findings:	16.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/10/1991	Findings:	75.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/10/1991	Findings:	4.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/09/1991	Findings:	6.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/09/1991	Findings:	3.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/09/1991	Findings:	14.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	.900 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/09/1991	Findings:	2.700 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	10/09/1991	Findings:	5.000 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/09/1991	Findings:	77.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	2.900 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	10/09/1991	Findings:	.700 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	10/09/1991	Findings:	3.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/05/1991	Findings:	4.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/05/1991	Findings:	3.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/05/1991	Findings:	18.000 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/05/1991	Findings:	86.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/05/1991	Findings:	3.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/26/1992	Findings:	23.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/26/1992	Findings:	7.320
Chemical:	PH (LABORATORY)		
Sample Collected:	03/26/1992	Findings:	255.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/26/1992	Findings:	.420 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/26/1992	Findings:	96.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/26/1992	Findings:	2.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/26/1992	Findings:	2.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/26/1992	Findings:	10.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	139.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	470.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/26/1992	Findings:	2.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/20/1992	Findings:	3.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/20/1992	Findings:	2.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/20/1992	Findings:	17.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/20/1992	Findings:	112.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/20/1992	Findings:	2.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/19/1992	Findings:	22.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/19/1992	Findings:	7.220
Chemical:	PH (LABORATORY)		
Sample Collected:	05/19/1992	Findings:	230.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	05/19/1992	Findings:	.010 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/19/1992	Findings:	84.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/19/1992	Findings:	2.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/19/1992	Findings:	2.800 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/19/1992	Findings:	14.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	150.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	388.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/19/1992	Findings:	2.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/11/1992	Findings:	18.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/11/1992	Findings:	7.330
Chemical:	PH (LABORATORY)		
Sample Collected:	06/11/1992	Findings:	246.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/11/1992	Findings:	89.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/11/1992	Findings:	2.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/11/1992	Findings:	3.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/11/1992	Findings:	8.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	.800 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	06/11/1992	Findings:	2.100 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	06/11/1992	Findings:	122.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	478.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/11/1992	Findings:	1.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	1.100 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	06/11/1992	Findings:	3.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/20/1992	Findings:	23.400 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/20/1992	Findings:	7.510
Chemical:	PH (LABORATORY)		
Sample Collected:	07/20/1992	Findings:	256.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/20/1992	Findings:	.190 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	07/20/1992	Findings:	97.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/20/1992	Findings:	507.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/15/1992	Findings:	21.300 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/15/1992	Findings:	7.510
Chemical:	PH (LABORATORY)		
Sample Collected:	09/15/1992	Findings:	263.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	09/15/1992	Findings:	101.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/15/1992	Findings:	3.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/15/1992	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/15/1992	Findings:	14.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	1.000 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	09/15/1992	Findings:	2.000 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	09/15/1992	Findings:	133.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	494.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/15/1992	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	1.200 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	09/15/1992	Findings:	.030 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	09/15/1992	Findings:	2.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/15/1992	Findings:	15.500 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/15/1992	Findings:	7.580
Chemical:	PH (LABORATORY)		
Sample Collected:	12/15/1992	Findings:	257.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	12/15/1992	Findings:	331.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	12/15/1992	Findings:	93.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/15/1992	Findings:	23.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/15/1992	Findings:	2.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/15/1992	Findings:	2.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/15/1992	Findings:	9.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/15/1992	Findings:	.700 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	12/15/1992	Findings:	1.700 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	12/15/1992	Findings:	87.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	473.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/15/1992	Findings:	50.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/15/1992	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	1.100 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	12/15/1992	Findings:	2.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/10/1993	Findings:	21.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/10/1993	Findings:	8.070
Chemical:	PH (LABORATORY)		
Sample Collected:	03/10/1993	Findings:	216.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/10/1993	Findings:	.050 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/10/1993	Findings:	84.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/10/1993	Findings:	.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/10/1993	Findings:	1.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/10/1993	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/10/1993	Findings:	74.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/10/1993	Findings:	352.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/10/1993	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/10/1993	Findings:	1.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/14/1993	Findings:	19.500 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/14/1993	Findings:	238.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/14/1993	Findings:	90.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/14/1993	Findings:	.800 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	07/14/1993	Findings:	1.800 UG/L
Chemical:	CARBON TETRACHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/14/1993	Findings:	2.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/14/1993	Findings:	9.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	77.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	454.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/14/1993	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	3.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/15/1994	Findings:	21.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/15/1994	Findings:	7.050
Chemical:	PH (LABORATORY)		
Sample Collected:	12/15/1994	Findings:	258.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	12/15/1994	Findings:	.060 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	12/15/1994	Findings:	88.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/15/1994	Findings:	2.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/15/1994	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/15/1994	Findings:	15.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	36.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	370.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/15/1994	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/21/1995	Findings:	.070 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	06/21/1995	Findings:	82.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1995	Findings:	1.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/21/1995	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/21/1995	Findings:	11.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/21/1995	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/21/1995	Findings:	52.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/21/1995	Findings:	423.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1995	Findings:	1.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/21/1995	Findings:	1.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/10/1997	Findings:	8.390
Chemical:	PH (LABORATORY)		
Sample Collected:	07/10/1997	Findings:	260.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/10/1997	Findings:	.060 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	07/10/1997	Findings:	98.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/10/1997	Findings:	3.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/10/1997	Findings:	3.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/10/1997	Findings:	17.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/10/1997	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	07/10/1997	Findings:	5.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/10/1997	Findings:	1.500 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	07/10/1997	Findings:	129.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/10/1997	Findings:	478.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/10/1997	Findings:	2.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/10/1997	Findings:	3.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/15/1997	Findings:	3.880 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/15/1997	Findings:	3.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/15/1997	Findings:	11.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	1.480 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	5.780 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	1.820 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	.910 UG/L
Chemical:	1,2-DICHLOROETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/15/1997	Findings:	3.020 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/15/1997	Findings:	111.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	3.500 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	3.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/14/1998	Findings:	3.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/14/1998	Findings:	1.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/14/1998	Findings:	15.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/14/1998	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	01/14/1998	Findings:	3.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/14/1998	Findings:	1.400 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	01/14/1998	Findings:	.800 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	01/14/1998	Findings:	62.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/14/1998	Findings:	1.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/14/1998	Findings:	1.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

D35
ESE
1/2 - 1 Mile
Lower

CA WELLS 558

Water System Information:

Prime Station Code:	01N/14W-08A06 S	User ID:	MET
FRDS Number:	1910067068	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341130.0 1182200.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	NORTH HOLLYWOOD AERATION WELL 08		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/21/1989	Findings:	17.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/21/1989	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/21/1989	Findings:	22.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/21/1989	Findings:	7.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/21/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	22.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/21/1989	Findings:	3.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	.300 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/21/1989	Findings:	953.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1989	Findings:	7.320
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1989	Findings:	270.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/21/1989	Findings:	329.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1989	Findings:	431.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/21/1989	Findings:	129.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1989	Findings:	26.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1989	Findings:	34.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1989	Findings:	5.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1989	Findings:	46.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1989	Findings:	.440 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1989	Findings:	400.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/21/1989	Findings:	90.000 UG/L
Chemical:	ZINC		
Sample Collected:	06/21/1989	Findings:	619.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1989	Findings:	102.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/21/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/19/1989	Findings:	16.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/19/1989	Findings:	4.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/19/1989	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/19/1989	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/05/1990	Findings:	9.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/05/1990	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/05/1990	Findings:	4.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	17.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/20/1990	Findings:	6.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/20/1990	Findings:	2.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/20/1990	Findings:	3.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/20/1990	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/20/1990	Findings:	.900 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	03/20/1990	Findings:	2.200 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	03/20/1990	Findings:	17.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/20/1990	Findings:	.900 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	03/20/1990	Findings:	.070 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	03/20/1990	Findings:	2.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/03/1990	Findings:	7.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/03/1990	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/03/1990	Findings:	3.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/03/1990	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/03/1990	Findings:	1.200 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	05/03/1990	Findings:	2.300 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	05/03/1990	Findings:	18.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/03/1990	Findings:	1.500 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/03/1990	Findings:	1.200 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	05/03/1990	Findings:	2.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/07/1990	Findings:	23.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/07/1990	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/07/1990	Findings:	25.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/07/1990	Findings:	1.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/07/1990	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/07/1990	Findings:	17.500 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/07/1990	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/07/1990	Findings:	879.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/07/1990	Findings:	7.300
Chemical:	FIELD PH		
Sample Collected:	06/07/1990	Findings:	7.180
Chemical:	PH (LABORATORY)		
Sample Collected:	06/07/1990	Findings:	300.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/07/1990	Findings:	416.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/07/1990	Findings:	116.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/07/1990	Findings:	31.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/07/1990	Findings:	33.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/07/1990	Findings:	4.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/07/1990	Findings:	41.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/07/1990	Findings:	.220 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/07/1990	Findings:	300.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/07/1990	Findings:	60.000 UG/L
Chemical:	ZINC		
Sample Collected:	06/07/1990	Findings:	546.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/07/1990	Findings:	80.000 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/07/1990	Findings:	.400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/17/1990	Findings:	.100 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	07/05/1990	Findings:	9.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/05/1990	Findings:	5.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/05/1990	Findings:	4.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	3.800 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	07/05/1990	Findings:	7.500 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	07/05/1990	Findings:	28.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	1.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	3.500 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	07/05/1990	Findings:	5.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/16/1990	Findings:	6.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1990	Findings:	26.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/05/1990	Findings:	4.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/05/1990	Findings:	27.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	12.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/18/1990	Findings:	6.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/18/1990	Findings:	5.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	6.400 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	10/18/1990	Findings:	8.900 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/18/1990	Findings:	31.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	6.000 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/18/1990	Findings:	5.000 UG/L
Chemical:	PENTACHLOROETHANE		
Sample Collected:	10/18/1990	Findings:	6.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/23/1990	Findings:	.120 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	01/07/1991	Findings:	9.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/07/1991	Findings:	4.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/07/1991	Findings:	11.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	4.100 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	01/07/1991	Findings:	5.300 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	01/07/1991	Findings:	20.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	1.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	4.000 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	01/07/1991	Findings:	.130 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	01/07/1991	Findings:	4.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/05/1991	Findings:	5.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02/05/1991	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/05/1991	Findings:	11.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	1.200 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	02/05/1991	Findings:	2.300 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	02/05/1991	Findings:	11.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	1.200 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	02/05/1991	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/07/1991	Findings:	9.700 UG/L
Chemical:	CARBON TETRACHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/07/1991	Findings:	6.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/07/1991	Findings:	12.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/07/1991	Findings:	30.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/07/1991	Findings:	6.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/09/1991	Findings:	1.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/09/1991	Findings:	3.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/09/1991	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	10.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	04/09/1991	Findings:	105.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	3.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/09/1991	Findings:	8.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/09/1991	Findings:	6.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/09/1991	Findings:	12.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	5.200 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	04/09/1991	Findings:	8.400 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	04/09/1991	Findings:	9.800 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	04/09/1991	Findings:	28.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	1.500 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	4.800 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	04/09/1991	Findings:	.080 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	04/09/1991	Findings:	6.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/09/1991	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	04/09/1991	Findings:	296.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/09/1991	Findings:	.050 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	04/09/1991	Findings:	115.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/09/1991	Findings:	8.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04/09/1991	Findings:	6.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/09/1991	Findings:	12.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	5.200 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	04/09/1991	Findings:	8.400 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	04/09/1991	Findings:	9.800 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	04/09/1991	Findings:	28.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	542.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/09/1991	Findings:	1.500 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	4.800 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	04/09/1991	Findings:	.080 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	04/09/1991	Findings:	6.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/13/1991	Findings:	4.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/13/1991	Findings:	11.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	25.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	4.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/14/1991	Findings:	6.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/14/1991	Findings:	4.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/14/1991	Findings:	12.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/14/1991	Findings:	25.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/14/1991	Findings:	4.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/09/1991	Findings:	6.300 UG/L
Chemical:	CARBON TETRACHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/09/1991	Findings:	5.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/09/1991	Findings:	12.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	4.400 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	07/09/1991	Findings:	23.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	4.400 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	07/09/1991	Findings:	5.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/13/1991	Findings:	5.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/13/1991	Findings:	18.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/13/1991	Findings:	31.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	8.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/09/1991	Findings:	5.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/09/1991	Findings:	26.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	5.600 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	10/09/1991	Findings:	7.300 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/09/1991	Findings:	37.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	6.100 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	10/09/1991	Findings:	.090 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	10/09/1991	Findings:	5.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/05/1991	Findings:	11.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/05/1991	Findings:	6.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/05/1991	Findings:	28.000 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/05/1991	Findings:	44.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/05/1991	Findings:	6.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/26/1992	Findings:	8.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/26/1992	Findings:	2.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/26/1992	Findings:	24.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	30.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/26/1992	Findings:	2.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/06/1992	Findings:	5.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/06/1992	Findings:	1.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/06/1992	Findings:	23.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	.800 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	05/06/1992	Findings:	1.300 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	05/06/1992	Findings:	19.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	1.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	.090 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	05/06/1992	Findings:	24.000 UG/L
Chemical:	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		
Sample Collected:	05/06/1992	Findings:	1.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/19/1992	Findings:	6.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/19/1992	Findings:	3.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/19/1992	Findings:	36.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	29.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	3.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/11/1992	Findings:	18.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/11/1992	Findings:	7.160
Chemical:	PH (LABORATORY)		
Sample Collected:	06/11/1992	Findings:	299.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/11/1992	Findings:	110.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/11/1992	Findings:	4.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/11/1992	Findings:	3.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/11/1992	Findings:	8.100 UG/L
Chemical:	DICHLOROMETHANE		
Sample Collected:	06/11/1992	Findings:	22.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	2.500 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	06/11/1992	Findings:	5.800 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	06/11/1992	Findings:	24.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	562.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/11/1992	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	3.400 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	06/11/1992	Findings:	3.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/20/1992	Findings:	9.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/20/1992	Findings:	4.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/20/1992	Findings:	40.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/20/1992	Findings:	34.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/20/1992	Findings:	4.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/15/1992	Findings:	20.700 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	09/15/1992	Findings:	7.440
Chemical:	PH (LABORATORY)		
Sample Collected:	09/15/1992	Findings:	303.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/15/1992	Findings:	116.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/15/1992	Findings:	7.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/15/1992	Findings:	4.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/15/1992	Findings:	32.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/15/1992	Findings:	3.400 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	09/15/1992	Findings:	6.400 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	09/15/1992	Findings:	31.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	592.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/15/1992	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	4.100 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	09/15/1992	Findings:	.060 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	09/15/1992	Findings:	4.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/15/1992	Findings:	8.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/15/1992	Findings:	5.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/15/1992	Findings:	32.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	2.900 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	12/15/1992	Findings:	6.700 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	12/15/1992	Findings:	40.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	4.600 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	12/15/1992	Findings:	.060 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	12/15/1992	Findings:	5.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/26/1993	Findings:	10.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/26/1993	Findings:	6.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/26/1993	Findings:	48.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	8.100 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	01/26/1993	Findings:	7.200 UG/L
Chemical:	1,2-DICHLOROETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/26/1993	Findings:	.050 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	01/26/1993	Findings:	43.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	3.800 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	01/26/1993	Findings:	6.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/14/1993	Findings:	5.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/14/1993	Findings:	3.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/14/1993	Findings:	55.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	1.000 UG/L
Chemical:	1,1,2-TRICHLOROETHANE		
Sample Collected:	07/14/1993	Findings:	2.600 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	07/14/1993	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	1.400 UG/L
Chemical:	1,2,3-TRICHLOROPROPANE		
Sample Collected:	07/14/1993	Findings:	.060 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	07/14/1993	Findings:	3.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/21/1993	Findings:	.060 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	06/21/1994	Findings:	4.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06/21/1994	Findings:	23.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/21/1994	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	06/21/1994	Findings:	2.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/21/1994	Findings:	.800 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	06/21/1994	Findings:	13.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/21/1994	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1994	Findings:	5.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/14/1994	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/14/1994	Findings:	21.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1994	Findings:	2.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/14/1994	Findings:	.900 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	07/14/1994	Findings:	23.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1994	Findings:	1.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1994	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/15/1994	Findings:	4.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/15/1994	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/15/1994	Findings:	33.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	.800 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	12/15/1994	Findings:	25.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/15/1994	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/17/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/17/1995	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/17/1995	Findings:	808.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/17/1995	Findings:	7.640
Chemical:	PH (LABORATORY)		
Sample Collected:	03/17/1995	Findings:	296.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/17/1995	Findings:	361.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/17/1995	Findings:	.070 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/17/1995	Findings:	370.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/17/1995	Findings:	103.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/17/1995	Findings:	21.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/17/1995	Findings:	32.000 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/17/1995	Findings:	30.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/17/1995	Findings:	.290 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/17/1995	Findings:	26.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/17/1995	Findings:	145.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/17/1995	Findings:	.350 UG/L
Chemical:	BORON		
Sample Collected:	03/17/1995	Findings:	18.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/17/1995	Findings:	4.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/17/1995	Findings:	12.200 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/17/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/17/1995	Findings:	.240 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	03/17/1995	Findings:	.810 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/17/1995	Findings:	16.400 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/17/1995	Findings:	5.400 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/17/1995	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/17/1995	Findings:	44.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/17/1995	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/17/1995	Findings:	39.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/17/1995	Findings:	506.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/17/1995	Findings:	.550
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/17/1995	Findings:	43.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/17/1995	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/17/1995	Findings:	.040 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	03/17/1995	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/17/1995	Findings:	1.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/17/1995	Findings:	.230 MG/L
Chemical:	BROMIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/17/1995	Findings:	.950 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/17/1995	Findings:	9820.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/31/1995	Findings:	5.000 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/31/1995	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/31/1995	Findings:	44.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	2.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	1.800 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	05/31/1995	Findings:	35.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	.040 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	05/31/1995	Findings:	1.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/22/1995	Findings:	20.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/22/1995	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/22/1995	Findings:	7.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/22/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/22/1995	Findings:	18.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/22/1995	Findings:	4.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/22/1995	Findings:	51.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/22/1995	Findings:	2.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/22/1995	Findings:	.700 UG/L
Chemical:	TRANS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/22/1995	Findings:	37.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/22/1995	Findings:	1.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/22/1995	Findings:	.030 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	09/22/1995	Findings:	2.000 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	12/21/1995	Findings:	17.000 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/21/1995	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/21/1995	Findings:	16.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/21/1995	Findings:	6.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/21/1995	Findings:	15.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/21/1995	Findings:	3.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/21/1995	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/21/1995	Findings:	58.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/21/1995	Findings:	2.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/21/1995	Findings:	1.300 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	12/21/1995	Findings:	32.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/21/1995	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/21/1995	Findings:	.050 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	12/21/1995	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/21/1995	Findings:	2.000 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	02/26/1996	Findings:	4.900 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02/26/1996	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/26/1996	Findings:	50.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	5.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	1.400 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	02/26/1996	Findings:	44.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/22/1996	Findings:	15.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/22/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/22/1996	Findings:	6.000 PCI/L
Chemical:	GROSS BETA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/22/1996	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	10/22/1996	Findings:	17.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	10/22/1996	Findings:	8.100 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/22/1996	Findings:	3.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/22/1996	Findings:	48.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	10/22/1996	Findings:	6.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	2.200 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/22/1996	Findings:	1.200 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/22/1996	Findings:	95.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	51.830 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/22/1996	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	.060 UG/L
Chemical:	ETHYLENE DIBROMIDE (EDB)		
Sample Collected:	10/22/1996	Findings:	3.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/22/1996	Findings:	4.000 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	10/22/1996	Findings:	11700.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/06/1997	Findings:	10.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/06/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/06/1997	Findings:	9.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/06/1997	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/06/1997	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	03/06/1997	Findings:	29.550 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/06/1997	Findings:	6670.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/22/1997	Findings:	38.810 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/22/1997	Findings:	8760.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/24/1997	Findings:	19.470 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/24/1997	Findings:	3.470 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/24/1997	Findings:	13.050 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/24/1997	Findings:	2.380 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/24/1997	Findings:	.760 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	09/24/1997	Findings:	.400 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	09/24/1997	Findings:	18.660 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/24/1997	Findings:	40.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/24/1997	Findings:	2.370 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	09/24/1997	Findings:	9030.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/15/1997	Findings:	12.300 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/15/1997	Findings:	6.960 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/15/1997	Findings:	28.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	3.840 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	17.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	5.680 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	1.370 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	125.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	40.620 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/15/1997	Findings:	.890 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	6.960 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/15/1997	Findings:	9170.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/12/1997	Findings:	12.800 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11/12/1997	Findings:	5.160 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/12/1997	Findings:	37.900 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/12/1997	Findings:	3.220 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	11/12/1997	Findings:	18.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	5.650 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	11/12/1997	Findings:	.590 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	11/12/1997	Findings:	131.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	41.020 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/12/1997	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	5.160 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/12/1997	Findings:	9260.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/11/1997	Findings:	15.560 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/11/1997	Findings:	3.140 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/11/1997	Findings:	15.520 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/11/1997	Findings:	2.490 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/11/1997	Findings:	17.900 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/11/1997	Findings:	12.400 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	12/11/1997	Findings:	4.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/11/1997	Findings:	30.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	3.200 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	12/11/1997	Findings:	15.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	5.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/11/1997	Findings:	.800 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	12/11/1997	Findings:	125.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	36.330 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/11/1997	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	4.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/11/1997	Findings:	1.990 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	12/11/1997	Findings:	8200.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

E36
South
1/2 - 1 Mile
Lower

CA WELLS 554

Water System Information:

Prime Station Code:	01N/14W-07J03 S	User ID:	MET
FRDS Number:	1910067031	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341100.0 1182300.0	Precision:	Undefined
Source Name:	ERWIN WELL 06		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	11/06/1987	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/19/1989	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/19/1989	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/19/1989	Findings:	6.300 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/19/1989	Findings:	1.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/18/1990	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/18/1990	Findings:	8.700 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/18/1990	Findings:	2.200 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/18/1990	Findings:	.700 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	06/18/1990	Findings:	.200 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	06/18/1990	Findings:	20.500 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/18/1990	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/18/1990	Findings:	1100.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/18/1990	Findings:	7.400
Chemical:	FIELD PH		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/18/1990	Findings:	7.680
Chemical:	PH (LABORATORY)		
Sample Collected:	06/18/1990	Findings:	196.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/18/1990	Findings:	428.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/18/1990	Findings:	123.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/18/1990	Findings:	30.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/18/1990	Findings:	84.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/18/1990	Findings:	5.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/18/1990	Findings:	36.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/18/1990	Findings:	.910 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/18/1990	Findings:	796.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/18/1990	Findings:	19.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/18/1990	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/10/1993	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/10/1993	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/10/1993	Findings:	5.300 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/10/1993	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/15/1993	Findings:	4.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/15/1993	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/15/1993	Findings:	1.600 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/29/1993	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	09/29/1993	Findings:	958.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/29/1993	Findings:	7.950
Chemical:	PH (LABORATORY)		
Sample Collected:	09/29/1993	Findings:	201.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	09/29/1993	Findings:	245.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/29/1993	Findings:	393.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/29/1993	Findings:	106.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/29/1993	Findings:	31.230 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/29/1993	Findings:	63.400 MG/L
Chemical:	SODIUM		
Sample Collected:	09/29/1993	Findings:	38.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/29/1993	Findings:	.320 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/29/1993	Findings:	23.000 MG/L
Chemical:	SILICA		
Sample Collected:	09/29/1993	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/29/1993	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/29/1993	Findings:	6.300 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/29/1993	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/29/1993	Findings:	648.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/29/1993	Findings:	20.000
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	09/29/1993	Findings:	6.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/29/1993	Findings:	.030 UG/L
Chemical:	IODIDE		
Sample Collected:	09/29/1993	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/26/1996	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/26/1996	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/26/1996	Findings:	1.800 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/26/1996	Findings:	8.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/26/1996	Findings:	29.240 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/26/1996	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/02/1996	Findings:	22.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/02/1996	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	07/02/1996	Findings:	896.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/02/1996	Findings:	7.730
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/02/1996	Findings:	212.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/02/1996	Findings:	259.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/02/1996	Findings:	.050 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	07/02/1996	Findings:	366.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/02/1996	Findings:	102.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/02/1996	Findings:	26.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/02/1996	Findings:	60.800 MG/L
Chemical:	SODIUM		
Sample Collected:	07/02/1996	Findings:	4.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/02/1996	Findings:	40.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/02/1996	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/02/1996	Findings:	22.000 MG/L
Chemical:	SILICA		
Sample Collected:	07/02/1996	Findings:	.280 UG/L
Chemical:	BORON		
Sample Collected:	07/02/1996	Findings:	6.000 UG/L
Chemical:	SELENIUM		
Sample Collected:	07/02/1996	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/02/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/02/1996	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/02/1996	Findings:	.300 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	07/02/1996	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	07/02/1996	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/02/1996	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/02/1996	Findings:	1.600 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	07/02/1996	Findings:	8.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/02/1996	Findings:	598.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/02/1996	Findings:	.610
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/02/1996	Findings:	29.240 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/02/1996	Findings:	.026 UG/L
Chemical:	IODIDE		
Sample Collected:	07/02/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/02/1996	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/02/1996	Findings:	.190 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/02/1996	Findings:	6600.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/24/1996	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/24/1996	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/24/1996	Findings:	6.400 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/24/1996	Findings:	12.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/24/1996	Findings:	27.910 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/24/1996	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/11/1996	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/11/1996	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/11/1996	Findings:	1.400 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/11/1996	Findings:	7.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/11/1996	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/28/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/28/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/28/1996	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/25/1996	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/25/1996	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/25/1996	Findings:	8.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/25/1996	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/04/1996	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/04/1996	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/04/1996	Findings:	8.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/04/1996	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/04/1996	Findings:	5680.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/29/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/29/1997	Findings:	8.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	01/29/1997	Findings:	4.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/29/1997	Findings:	610.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/17/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/17/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/17/1997	Findings:	8.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	04/17/1997	Findings:	4.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	04/17/1997	Findings:	4.430 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/17/1997	Findings:	1000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/12/1997	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/12/1997	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/12/1997	Findings:	8.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/12/1997	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/27/1997	Findings:	.590 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/27/1997	Findings:	36.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/27/1997	Findings:	8150.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/10/1997	Findings:	.530 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/10/1997	Findings:	1.440 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/22/1997	Findings:	.720 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/20/1997	Findings:	.520 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/20/1997	Findings:	42.220 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 11/20/1997
Chemical: NITRATE + NITRITE (AS N)

Findings: 9530.000 UG/L

E37
South
1/2 - 1 Mile
Lower

CA WELLS 553

Water System Information:

Prime Station Code:	01N/14W-07J01 S	User ID:	MET
FRDS Number:	1910067033	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341100.0 1182300.0	Precision:	Undefined
Source Name:	ERWIN WELL 10		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/20/1989	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	09/20/1989	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	09/20/1989	Findings:	1050.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/20/1989	Findings:	7.400
Chemical:	FIELD PH		
Sample Collected:	09/20/1989	Findings:	7.970
Chemical:	PH (LABORATORY)		
Sample Collected:	09/20/1989	Findings:	210.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/20/1989	Findings:	256.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/20/1989	Findings:	402.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/20/1989	Findings:	114.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/20/1989	Findings:	20.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/20/1989	Findings:	86.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/20/1989	Findings:	11.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/20/1989	Findings:	46.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/20/1989	Findings:	.710 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/20/1989	Findings:	747.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/20/1989	Findings:	.200
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	09/20/1989	Findings:	23.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/20/1989	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/20/1989	Findings:	3.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/20/1989	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/20/1989	Findings:	4.200 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/20/1989	Findings:	1.600 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/19/1989	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/19/1989	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/19/1989	Findings:	4.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/30/1990	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/30/1990	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/30/1990	Findings:	8.200 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/30/1990	Findings:	1.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/15/1993	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/15/1993	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/15/1993	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/15/1993	Findings:	1.800 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/29/1993	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	09/29/1993	Findings:	1100.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/29/1993	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	09/29/1993	Findings:	189.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/29/1993	Findings:	231.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/29/1993	Findings:	396.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/29/1993	Findings:	104.000 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/29/1993	Findings:	33.180 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/29/1993	Findings:	85.600 MG/L
Chemical:	SODIUM		
Sample Collected:	09/29/1993	Findings:	50.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/29/1993	Findings:	.380 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/29/1993	Findings:	22.800 MG/L
Chemical:	SILICA		
Sample Collected:	09/29/1993	Findings:	.340 UG/L
Chemical:	BORON		
Sample Collected:	09/29/1993	Findings:	4.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/29/1993	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/29/1993	Findings:	5.500 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/29/1993	Findings:	1.600 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/29/1993	Findings:	742.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/29/1993	Findings:	20.000
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	09/29/1993	Findings:	2.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/29/1993	Findings:	.060 UG/L
Chemical:	IODIDE		
Sample Collected:	09/29/1993	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/29/1993	Findings:	.300 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/02/1996	Findings:	22.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/02/1996	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	07/02/1996	Findings:	1016.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/02/1996	Findings:	7.710
Chemical:	PH (LABORATORY)		
Sample Collected:	07/02/1996	Findings:	190.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/02/1996	Findings:	232.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/02/1996	Findings:	.040 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	07/02/1996	Findings:	377.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/02/1996	Findings:	102.000 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/02/1996	Findings:	29.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/02/1996	Findings:	69.600 MG/L
Chemical:	SODIUM		
Sample Collected:	07/02/1996	Findings:	5.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/02/1996	Findings:	49.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/02/1996	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/02/1996	Findings:	22.000 MG/L
Chemical:	SILICA		
Sample Collected:	07/02/1996	Findings:	.460 UG/L
Chemical:	BORON		
Sample Collected:	07/02/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/02/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/02/1996	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/02/1996	Findings:	691.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/02/1996	Findings:	.530
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/02/1996	Findings:	18.610 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/02/1996	Findings:	.050 UG/L
Chemical:	IODIDE		
Sample Collected:	07/02/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/02/1996	Findings:	.230 MG/L
Chemical:	BROMIDE		
Sample Collected:	07/02/1996	Findings:	4200.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/28/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/28/1996	Findings:	10.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	10/28/1996	Findings:	4.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/12/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/12/1997	Findings:	7.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	02/12/1997	Findings:	4.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/27/1997	Findings:	4.170 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/27/1997	Findings:	1.850 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/27/1997	Findings:	7.510 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	08/27/1997	Findings:	1.990 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/27/1997	Findings:	.660 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	08/27/1997	Findings:	.350 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	08/27/1997	Findings:	16.350 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/27/1997	Findings:	3690.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/15/1997	Findings:	6.510 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/15/1997	Findings:	2.150 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/15/1997	Findings:	5.150 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/15/1997	Findings:	1.990 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/15/1997	Findings:	.910 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	09/15/1997	Findings:	.440 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		

E38
South
1/2 - 1 Mile
Lower

CA WELLS 552

Water System Information:

Prime Station Code:	01N/14W-07H01 S	User ID:	MET
FRDS Number:	1910067032	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341100.0 1182300.0	Precision:	Undefined
Source Name:	ERWIN WELL 08		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420		
	LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

39
SSE
1/2 - 1 Mile
Lower

CA WELLS 562

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	01N/14W-08D02 S	User ID:	MET
FRDS Number:	1910067066	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341100.0 1182230.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	NORTH HOLLYWOOD AERATION WELL 06		
System Number:	1910067		
System Name:	LOS ANGELES-CITY, DEPT. OF WATER & POWER		
Organization That Operates System:	P.O. BOX 51111, ROOM 1420 LOS ANGELES, CA 90051		
Pop Served:	3700000	Connections:	657422
Area Served:	LOS ANGELES		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/21/1989	Findings:	5.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/21/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	5.600 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/21/1989	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/21/1989	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	21.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/21/1989	Findings:	3.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/21/1989	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/21/1989	Findings:	648.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1989	Findings:	7.630
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1989	Findings:	218.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/21/1989	Findings:	266.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1989	Findings:	296.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/21/1989	Findings:	86.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1989	Findings:	20.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1989	Findings:	26.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1989	Findings:	3.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1989	Findings:	21.000 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/21/1989	Findings:	.390 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1989	Findings:	200.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/21/1989	Findings:	80.000 UG/L
Chemical:	ZINC		
Sample Collected:	06/21/1989	Findings:	410.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1989	Findings:	39.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/21/1989	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/28/1989	Findings:	7.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/28/1989	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/28/1989	Findings:	9.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/28/1989	Findings:	3.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/28/1989	Findings:	1.000 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	12/28/1989	Findings:	1.000 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	01/05/1990	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01/05/1990	Findings:	2.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/05/1990	Findings:	7.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	10.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	01/05/1990	Findings:	99.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/05/1990	Findings:	2.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/20/1990	Findings:	2.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/20/1990	Findings:	4.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/20/1990	Findings:	62.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/20/1990	Findings:	2.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/06/1990	Findings:	2.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/06/1990	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/06/1990	Findings:	71.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/06/1990	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/06/1990	Findings:	2.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/06/1990	Findings:	16.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/06/1990	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/06/1990	Findings:	664.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/06/1990	Findings:	7.800
Chemical:	FIELD PH		
Sample Collected:	06/06/1990	Findings:	7.540
Chemical:	PH (LABORATORY)		
Sample Collected:	06/06/1990	Findings:	274.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/06/1990	Findings:	314.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/06/1990	Findings:	90.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/06/1990	Findings:	22.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/06/1990	Findings:	27.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/06/1990	Findings:	3.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/06/1990	Findings:	20.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/06/1990	Findings:	.560 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/06/1990	Findings:	332.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/06/1990	Findings:	31.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/06/1990	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/06/1990	Findings:	4.960 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/06/1990	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/06/1990	Findings:	12.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/06/1990	Findings:	1.600 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/06/1990	Findings:	.100 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	07/05/1990	Findings:	3.500 UG/L
Chemical:	CHLOROFORM (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/05/1990	Findings:	6.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	78.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	3.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/05/1990	Findings:	2.700 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07/05/1990	Findings:	6.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/05/1990	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	238.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	2.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/05/1990	Findings:	6.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/16/1990	Findings:	15.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1990	Findings:	95.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/05/1990	Findings:	13.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/05/1990	Findings:	72.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	2.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/18/1990	Findings:	8.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	3.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/18/1990	Findings:	36.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/18/1990	Findings:	5.000 UG/L
Chemical:	PENTACHLOROETHANE		
Sample Collected:	10/18/1990	Findings:	2.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/07/1991	Findings:	2.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/07/1991	Findings:	5.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	94.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/07/1991	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/07/1991	Findings:	2.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/05/1991	Findings:	2.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/05/1991	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	52.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/05/1991	Findings:	2.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/07/1991	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/07/1991	Findings:	3.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/07/1991	Findings:	9.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/07/1991	Findings:	94.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/07/1991	Findings:	3.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/09/1991	Findings:	7.620
Chemical:	PH (LABORATORY)		
Sample Collected:	04/09/1991	Findings:	230.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	04/09/1991	Findings:	.060 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	04/09/1991	Findings:	84.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/09/1991	Findings:	2.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/09/1991	Findings:	6.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	88.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	04/09/1991	Findings:	105.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	412.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/09/1991	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04/09/1991	Findings:	2.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/13/1991	Findings:	2.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/13/1991	Findings:	8.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/13/1991	Findings:	77.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/13/1991	Findings:	2.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/14/1991	Findings:	2.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/14/1991	Findings:	8.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/14/1991	Findings:	77.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/14/1991	Findings:	2.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/09/1991	Findings:	2.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/09/1991	Findings:	6.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	67.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/09/1991	Findings:	2.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/13/1991	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/13/1991	Findings:	9.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/13/1991	Findings:	78.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/13/1991	Findings:	2.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/10/1991	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/10/1991	Findings:	3.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/10/1991	Findings:	13.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/10/1991	Findings:	88.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/10/1991	Findings:	3.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/09/1991	Findings:	1.200 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	10/09/1991	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/09/1991	Findings:	23.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	106.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/09/1991	Findings:	2.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/05/1991	Findings:	2.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/05/1991	Findings:	10.000 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/05/1991	Findings:	95.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/05/1991	Findings:	2.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/06/1992	Findings:	1.500 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05/06/1992	Findings:	3.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/06/1992	Findings:	4.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	240.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	3.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/19/1992	Findings:	1.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/19/1992	Findings:	2.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	91.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/19/1992	Findings:	1.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/11/1992	Findings:	19.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/11/1992	Findings:	7.490
Chemical:	PH (LABORATORY)		
Sample Collected:	06/11/1992	Findings:	192.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/11/1992	Findings:	70.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/11/1992	Findings:	1.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/11/1992	Findings:	3.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	75.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/11/1992	Findings:	396.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/11/1992	Findings:	1.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/15/1992	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/15/1992	Findings:	1.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/15/1992	Findings:	6.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	109.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/15/1992	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	1.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/15/1992	Findings:	20.600 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	09/15/1992	Findings:	7.690
Chemical:	PH (LABORATORY)		
Sample Collected:	09/15/1992	Findings:	196.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/15/1992	Findings:	72.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/15/1992	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09/15/1992	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/15/1992	Findings:	5.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	78.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/15/1992	Findings:	429.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/15/1992	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/15/1992	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/15/1992	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	72.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/15/1992	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/27/1993	Findings:	.700 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	01/27/1993	Findings:	1.200 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	01/27/1993	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/27/1993	Findings:	5.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/27/1993	Findings:	69.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/27/1993	Findings:	3.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/10/1993	Findings:	.600 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	03/10/1993	Findings:	1.000 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/10/1993	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/10/1993	Findings:	4.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/10/1993	Findings:	62.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/10/1993	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/10/1993	Findings:	3.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/04/1993	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/04/1993	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/04/1993	Findings:	60.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/04/1993	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/04/1993	Findings:	1.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/14/1993	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/14/1993	Findings:	3.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	60.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	1.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/21/1994	Findings:	4.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/21/1994	Findings:	79.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/16/1995	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/16/1995	Findings:	573.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/16/1995	Findings:	7.450
Chemical:	PH (LABORATORY)		
Sample Collected:	03/16/1995	Findings:	201.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/16/1995	Findings:	245.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/16/1995	Findings:	.090 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/16/1995	Findings:	240.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/16/1995	Findings:	74.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/16/1995	Findings:	14.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/16/1995	Findings:	24.200 MG/L
Chemical:	SODIUM		
Sample Collected:	03/16/1995	Findings:	26.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/16/1995	Findings:	.540 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/16/1995	Findings:	24.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/16/1995	Findings:	102.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/16/1995	Findings:	.250 UG/L
Chemical:	BORON		
Sample Collected:	03/16/1995	Findings:	13.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	03/16/1995	Findings:	.600 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03/16/1995	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/16/1995	Findings:	5.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	3.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	03/16/1995	Findings:	54.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	361.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/16/1995	Findings:	.060
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/16/1995	Findings:	27.860 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/16/1995	Findings:	1.900 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/16/1995	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/16/1995	Findings:	1.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/16/1995	Findings:	6290.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/17/1995	Findings:	4.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/17/1995	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/17/1995	Findings:	5.900 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/17/1995	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/17/1995	Findings:	.050 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	03/17/1995	Findings:	.810 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	05/31/1995	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/31/1995	Findings:	5.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	05/31/1995	Findings:	30.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	2.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/21/1995	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/21/1995	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/21/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	.300 PCI/L
Chemical:	RA 226 + RA 228		
Sample Collected:	09/21/1995	Findings:	1.000 PCI/L
Chemical:	RA 226 + RA 228 COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/21/1995	Findings:	6.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	4.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/21/1995	Findings:	41.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	2.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/26/1996	Findings:	1.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/26/1996	Findings:	6.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	02/26/1996	Findings:	47.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	4.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/26/1996	Findings:	1.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/23/1996	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/23/1996	Findings:	7.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	08/23/1996	Findings:	7.100 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	08/23/1996	Findings:	60.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	32.340 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/1996	Findings:	4.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/23/1996	Findings:	1.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/25/1996	Findings:	31.010 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/25/1996	Findings:	7000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/22/1996	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/22/1996	Findings:	6.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	39.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	46.520 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/22/1996	Findings:	3.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/22/1996	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/22/1996	Findings:	10500.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/05/1996	Findings:	6390.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/06/1997	Findings:	25.340 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/06/1997	Findings:	5720.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/15/1997	Findings:	35.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/15/1997	Findings:	7900.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/17/1997	Findings:	26.540 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/17/1997	Findings:	5990.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/15/1997	Findings:	.980 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/15/1997	Findings:	5.770 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	.510 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	.680 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	10/15/1997	Findings:	5.280 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/15/1997	Findings:	25.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	26.180 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/15/1997	Findings:	3.930 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	.980 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/15/1997	Findings:	5910.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/12/1997	Findings:	.790 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/12/1997	Findings:	9.050 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	11.500 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/12/1997	Findings:	27.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	26.360 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/12/1997	Findings:	3.010 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11/12/1997	Findings:	.790 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/12/1997	Findings:	5950.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/11/1997	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/11/1997	Findings:	6.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	8.800 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/11/1997	Findings:	27.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	26.310 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/11/1997	Findings:	3.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/11/1997	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 12/11/1997
Chemical: NITRATE + NITRITE (AS N)

Findings: 5940.000 UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level ≥ 2 pCi/L and ≤ 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

Memorandum

Date: December 4, 2002
To: Jay Turim, Sciences International
From: Christian Benitez
Subject: E/M Division of Morgan Chemical Products, Inc. (North Hollywood, California) Shadow Audit Memorandum
Copy To: File

Jay-

Provided herein is a summary of the shadow audit performed at the subject site. The shadow audit was conducted on December 2, 2002, at the E/M Division of Morgan Chemical Products, Inc. (E/M) site located at 6940 Farndale Avenue in North Hollywood, California. This memorandum is divided as follows:

- Shadow Audit Scope and Limitations
- Audit Overview
- Questions and Answers
- List of Documents Provided or Promised
- Main Concerns of Earth Tech Auditor
- General Impressions of the Audit
- Additional Independent Tetra Tech Concerns Regarding Site

Shadow Audit Scope and Limitations

Tetra Tech Inc. (Tetra Tech) was retained by Sciences International (Sciences) to conduct a shadow audit at the subject site. Specifically, the subject site is being evaluated by perspective buyers. In this instance, a prospective buyer retained Earth Tech to conduct a due diligence Environmental Compliance Audit (ECA) at the subject location. Tetra Tech's role was to observe (*i.e.*, "shadow") the due diligence ECA site tour on behalf of E/M Corporation's parent company, Morgan Crucible, and outside counsel, Pillsbury Winthrop. Tetra Tech was instructed not to participate in the audit but simply to record its observations of (1) Earth Tech's performance, and (2) other potential issues not addressed/investigated by Earth Tech.

It is important to note that at Pillsbury Winthrop's decision, Tetra Tech was not provided any information regarding the subject facility in advance of conducting the shadow audit (e.g., Phase I ESA reports, Phase II site investigation reports). As such, this limited Tetra Tech's ability to prepare for and/or anticipate Earth Tech's line of questioning. For this reason, Tetra Tech's ability to develop informed "independent concerns" is limited to that information obtained during the shadow audit. Regardless, Tetra Tech was able to meet the objectives as defined in Sciences instructions dated November 26, 2002.

Enclosed to this memorandum (Attachment A) is a compilation of all photographs taken by Earth Tech. Earth Tech took all photographs during the subject audit and Tetra Tech merely took a duplicate photo. Note that the pictures are not formally "logged" with a description, orientation, etc., because those interpretations would be that of Earth Tech and not Tetra Tech.

Audit Overview

The subject shadow audit was conducted on December 2, 2002 at E/M's site located at 6940 Farmdale Avenue in North Hollywood, California. Participants in the audit included the following:

- Derek Needham, E/M Corporation, Branch Manager
- Ernie Lucero, E/M Corporation, Environmental Health and Safety Coordinator
- Roy Litzenberg, Earth Tech
- Christian Benitez, Tetra Tech Inc.

The subject audit commenced at 8:15 a.m. PST. At this time, Earth Tech commenced a general line of questioning regarding facility history and operation activities that have occurred at the site. See following sections for a more detailed account of all audit Q&A. Following this general line of questioning, E/M suggested that a site walk of the facility be conducted followed by a paperwork/documentation review. Earth Tech agreed that that would probably be the most efficient and productive manner to approach the ECA.

At approximately 8:30am, E/M (Derek Needham and Ernie Lucero) directed Earth Tech (Roy Lizenberg) and Tetra Tech (Christian Benitez) on a facility site walk of the main buildings. The site walk started from the northwestern portion of the facility (administrative office area) and continued in a clockwise manner (northwest to northeast to southeast to southwest) until the original starting point was reached. The site walk concluded at approximately 9:45am. No site map was provided at any time during the site walk.

From 9:45am to approximately 11:00am, a paperwork review was conducted. The paperwork review consisted of an evaluation of the facility's paperwork/documentation in relation to the facility's operations (i.e., permits, environmental reports, manifests). Upon request, E/M provided copies of various paperwork/documentation to Earth Tech with a duplicate copy provided to Tetra Tech. During this paperwork review, Earth Tech conducted a line of questioning regarding the various regulatory environmental documentation associated with the facility's operations. See the following sections for a more detailed account of all audit Q&A.

Following permission from Derek Needham of E/M, Earth Tech was permitted to take pictures of the facility. However, in order to take pictures, both Earth Tech and Tetra Tech signed a confidentiality document that was provided by E/M. At 11:10am, E/M (Ernie Lucero) escorted Earth Tech and Tetra Tech back into the main buildings to take pictures. Following the re-walk of the main buildings, E/M directed Earth Tech and Tetra Tech to the E/M maintenance/mechanic shop building that is located in a separate building south of the main buildings (along the back portion of the neighboring facility). A site walk of this additional building was conducted for approximately 15 minutes. From 11:30am to approximately 12:00pm, E/M, Earth Tech, and Tetra Tech, at the request of Earth Tech, conducted a brief exterior walk of the facility to identify the neighboring properties and their operations.

During the entire facility ECA, Earth Tech took approximately 30 pictures (see enclosure to this memorandum).

Questions and Answers

Provided below is a table summarizing the questions and answers during the audit. In many cases, Earth Tech's question and more often than not E/M's response are summarized (versus verbatim).

Earth Tech Question ¹	E/M Response
PRE-SITE WALK	
How long have the E/M representatives been with the company?	Derek Needham: Since 1986 (16 years) Ernie Lucero: Four (4) years
Provide a verbal discussion of the history of the facility and its processes.	<p>E/M representatives collectively provided a general overview of the history and processes of the facility. According to E/M representatives, Evo-Lube conducted operations at the facility since 1953 before being bought out by Great Lakes Chemical Company (GLCC) in 1971. Morgan bought the facility in 1996 from GLCC. In April 1992, Morgan Chemical Products still operated on the property but leased the property from J & S Management. The facility historically and currently conducts coating and anodizing operations. Parts (mainly aerospace) are brought to the facility from customers. Depending on the customers needs (coating, cleaning, etc.), the parts are treated by E/M and the finished parts are returned to the customer.</p> <p>The name "E/M" is derived from "Evolube" and "Microseal."</p>
Earth Tech questioned the site's RCRA status.	E/M representatives stated that the facility is considered a RCRA Large Quantity Generator (LQG). The largest waste stream produced is sludge from the facility's water treatment system.
What type of water treatment system is the facility using?	E/M representatives stated that a reverse osmosis unit has been in service at the facility since 1997. The treatment system treats both fresh incoming water and water from the facility process lines.
Is cyanide used in any of the facility's operations?	E/M representatives stated that no cyanide is used in any operations.
Since the facility is involved in solvent cleaning, what types of solvents are used?	E/M representatives stated that only acetone is used as part of their solvent cleaning. Additionally, the acetone is recycled. In the future, the facility plans on switching to an alkaline cleaner.
SITE WALK	
The majority of the questions and E/M answers during the site tour involved questions and answers regarding the specific processes and the raw materials used in the processes. Areas of the site that were of the most interest to Earth Tech are described in detail in subsequent sections of this memorandum.	
Are the ovens used at the facility powered by gas?	E/M representatives stated that some of the ovens are powered by gas and the others are electric.
Is the waste stream generated from the facility process lines underground?	E/M representatives stated and showed that the waste streams are above ground prior to reaching the reverse osmosis treatment system. Approximately 60% of the process water generated is recycled.
Who owns the driveway/alleyway along the south side of the facility?	E/M representatives stated that the driveway/alleyway along the south side of the facility is a common easement between the properties. Both E/M and the Marble/Granite Tabletops facility (facility located directly south of E/M) share the driveway/alleyway.

Earth Tech Question ¹	E/M Response
POST SITE WALK	
Earth Tech provided Derek Needham with a questionnaire to be completed by Tuesday, December 3, 2002.	Derek Needham obliged and stated that he would have it completed by Tuesday, December 3, 2002. A copy of the completed questionnaire is included in Attachment B.
Is or has there been any asbestos waste generated at this facility?	E/M representatives stated that the only known asbestos waste generated was during the replacement of some tubing within some of the process areas. The asbestos was properly disposed of following the replacement/removal. It is not certain if an asbestos survey has been conducted at the facility. It is likely that the buildings are asbestos free.
Describe disposition of waste.	The information provided by E/M stated that facility waste was sent to various facilities: waste paint, rags with MEK, and spray booth filters were sent to Ensco, Inc., filter cakes were sent to Chemical Waste Management, water-based paint was sent to Innovative Waste Utilization, and waste oil was sent to ONYX.
Were any USTs/ASTs for vehicle fueling ever used on the facility?	E/M representatives stated that no USTs/ASTs for vehicle fueling were ever used or installed on the facility.
Where is the sampling point for the wastewater discharge? Was the facility ever in exceedance of the allowable concentrations?	E/M representatives stated that the wastewater discharge sampling point is from the last stage of the on-site clarifier. On August 14, 2002, a notice of violation was issued to the facility stating that a sample collected from the wastewater discharge sampling point contained a chromium concentration of 2.0 mg/L.
How is power supplied to the facility?	E/M representatives stated that the facility receives power from electric poles, not from transformers.
What environmental site investigations were conducted at this facility?	E/M representatives stated that a Phase II soil investigation was conducted earlier this year. The results of the investigation did not identify any significant concentrations of chemical compounds in the soil. Additionally, the RWQCB conducted soil and groundwater investigations at the facility in the late 1980s/early 1990s based on the discovery of groundwater contamination plumes in the San Fernando Valley containing trichloroethene (TCE) and tetrachloroethene (PCE).
Does E/M know of any adjacent/neighbor properties that have had environmental problems?	E/M representatives recall that some of the neighboring machine shops, including Pacific Steel Treating (corner of Van Owen and Farmdale), were also inspected by the RWQCB in the late 1980s/early 1990s. Reportedly, Pacific Steel Treating was "dirty." The adjacent neighbors to E/M were "clean."
Any major spills at E/M?	E/M representatives stated that there have been no major spills at the facility.
Is hexavalent chromium used in any of the facility's operations?	E/M representatives stated that hexavalent chromium is not used in any of the facility's operations.
It is understood that the facility has several different addresses. What are they?	The facility is made up of several buildings with different addresses. The addresses include 6928, 6928½, 6928¾, 6930, 6938, and 6940.

List of Documents Provided or Requested

Below is a list of documents provided to or requested by Earth Tech.

- 2001 E/M North Hollywood Hazardous Waste Summary Table
- 2002 E/M North Hollywood Hazardous Waste Summary Table
- Lease Document (States that J & S Management is the Lessor of the property)
- SCAQMD Title V Permits to Operate (includes a permitted equipment list)
- LA-CRWQCB letter dated April 9, 1990 (Subsurface Investigation – Well Investigation Program)
- Los Angeles Certified Unified Program Agency Hazardous Waste and Hazardous Materials Management Program Consolidated Permit
- Los Angeles County Certified Unified Program Agency Hazardous Materials Business Plan
- Los Angeles County Certified Unified Program Agency Onsite Hazardous Waste Treatment Notification
- City of Los Angeles Bureau of Sanitation Letter Document - Renewal of Industrial Wastewater Permit for IU000097 Permit: W-179816
- City of Los Angeles Bureau of Sanitation Document – Industrial User Permit Requirements and Conditions
- E/M Corporation Storm Water Pollution Prevention Plan (SWPPP)

Main Earth Tech Concerns

In summary, Earth Tech's approach to the ECA mainly focused on the environmental permitting/documentation associated with the facility's operations/processes, the equipment/chemicals used and or stored at the facility, and the wastes generated. During the site walk, Earth Tech made note of the various processes and storage areas throughout the facility. Specific chemicals and the number of storage containers (i.e., drums, buckets, totes, etc.) were not recorded but can be identified, to an extent, within the documentation provided by E/M. Based on the recognized operations observed from the site walk, Earth Tech requested a review of any and all documentation regarding:

- Air permits and logging (SCAQMD permits to operate, solvent usage charts),
- Hazardous waste manifests and record keeping (material being disposed and the location of the disposal facilities),
- Industrial wastewater permit (discharge into the city sewers),
- Hazardous waste and hazardous materials management permits (Los Angeles Fire Department), and
- Storm water pollution prevention plan (SWPPP).

In reviewing these documents, Earth Tech not only verified that the appropriate permitting and paperwork associated with the facility's processes were obtained from the regulatory agencies, but also verified that the permitting and paperwork were current and up-to-date.

Additionally, Earth Tech was interested in any previous environmental site investigations (soil and/or groundwater) conducted at the facility and/or in the neighboring facilities. During the site walk, Earth Tech was particularly interested in boring/sampling locations that were produced from previous site investigations. The backfilled boring/sampling locations from the previous investigations were still visible during the site walk. Earth Tech appeared to be "fairly" knowledgeable of the previous investigation work and appeared to use the site walk as a method of associating the boring/sampling locations with the facility's operations. Earth Tech mentioned that the previous site investigation reports

have “probably” been forwarded to their office and would therefore be reviewed accordingly. However, if the reports are not at the office, Earth Tech would likely contact E/M for a copy. As an added note and of particular interest, a remark made by Earth Tech during the paperwork review stated that a Phase II investigation may be warranted based on the findings of this audit. Additionally, Derek Needham of E/M stated that when GLCC sold the facility to E/M, GLCC signed an indefinite indemnity.

In retrospect, Earth Tech’s main “concerns” revolved primarily around E/M’s compliance regarding permitting and paperwork documentation with the appropriate regulatory agencies for the type of operations conducted at the facility. Additionally, the subsurface conditions of the facility are of particular concern to Earth Tech based on their interest in the previous investigations of the facility.

General Impression of Audit

As previously discussed, Earth Tech focused its efforts upon the permitting/paperwork compliance and previous site investigations. Regarding compliance, it appeared that Earth Tech was satisfied with E/M’s cooperativeness, organization, and preparedness. All required compliance documentation requested by Earth Tech was readily available and provided to Earth Tech by E/M without hesitation. Regarding Earth Tech’s interest in previous site investigations, it appears that Earth Tech is generally concerned if the previous investigations provide sufficient and representative coverage of the subsurface conditions. Although Earth Tech did not appear to be overly concerned with the details of the facility (i.e., floor conditions within the chemical process areas, areas of noticeable staining, floor cracks, etc. – *Earth Tech did not appear to construct any drawings/figures and/or notes during the site walk pertaining to the facility conditions*), it is not certain whether Earth Tech will make recommendations for additional Phase II activities. A large part of that decision will be based on Earth Tech’s review of the previous investigation reports and the documentation provided by E/M.

Additional Independent Tetra Tech Concerns Regarding Site

During the site walk, Tetra Tech observed staining (paint, coatings, unknowns) throughout various areas of the facility. Although the facility was concrete paved, several cracks were observed and were in need of repair. Of particular interest was the process/dip tank line areas of the facility. It appeared that overflow or overspill of the various tank constituents had occurred as evidenced by the staining on and below the grated walkway. Tank constituent accumulation below the grated floor was noticeable during the site walk throughout the entire process area. In order to not highlight this in front of Earth Tech, coupled with our direction to not participate in the audit, Tetra Tech did not initiate a line of questioning associated with this issue or any other issues not mentioned by Earth Tech.

Tetra Tech was not given prior knowledge of the processes conducted at the facility nor the amount/type of investigations conducted. Based on the initial and brief introduction to the facility by E/M (processes and chemical usage), a thorough evaluation of each area, including mapping and detailed notes, would have been conducted to develop an accurate and comprehensive view of the facility. Based on the information gathered from a “thorough” site walk, all appropriate and essential questions could be inquired, especially those pertaining to Phase II investigations. The facility consists of several complex areas (i.e., process lines, coating application, clarifier, waste streams, etc.) that each warrant careful consideration. This consideration was not observed to be done by Earth Tech.

LAW OFFICES
BEVERIDGE & DIAMOND
A PARTNERSHIP INCLUDING A PROFESSIONAL CORPORATION

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NEW YORK, N.Y. 10022-7380
(212) 702-6400

BEVERIDGE & DIAMOND
ONE BRIDGE PLAZA
FORT LEE, N.J. 07024-7502
(201) 585-8162

LAWRENCE S. BAZEL

5 April 1993

David B. Jones
Chief, Remedial Action Branch
U.S. Environmental Protection Agency
Region 9
75 Hawthorne Street
San Francisco, California 94105-3901

Subject: San Fernando Valley Area 1
North Hollywood Operable Unit
EPA Superfund Site I.D. Nos. 59 and N1
Los Angeles County, California

Dear Mr. Jones:

On behalf of E/M Corporation ("E/M"), I am responding to your demand for payment of costs dated 16 March 1993. Your letter identifies E/M as a potentially responsible party and asserts that it may be liable, in accordance with section 107(a) of the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), for response costs incurred at the North Hollywood Operable Unit (the "Site"). However, for the reasons discussed in this letter, E/M is not a responsible party. We therefore request that your demand be withdrawn.

1. The E/M property is not a facility from which there has been a release that caused the incurrence of response costs.

To recover response costs from E/M, EPA will have the burden of proving that a release from the E/M property caused EPA to incur response costs. This issue was discussed in my letter of 16 October 1992, which is attached as Exhibit 1.

Regardless of who has the burden, EPA apparently does not intend to sue companies that did not cause it to incur response costs at the Site. Therefore, the remainder of this letter will show that the E/M property is outside the plume, and therefore could not have caused EPA to incur response costs.

David B. Jones
5 April 1993
Page 2

2. The E/M property is outside the plume.

In accordance with agency requests, E/M has drilled nine borings on its property and analyzed soil samples to a depth of 80 feet. The results are attached as Exhibit 2. As you can see, the maximum concentration of tetrachloroethene ("PCE") detected was 80 ppb. No trichloroethene ("TCE") was detected in any sample.

In October 1991, EPA's consultant (Montgomery Engineers) identified two PCE plumes¹, as shown in Exhibit 3. As you can see, the E/M property is located between the two plumes. In Exhibit 4, E/M has replotted the plume boundaries on a more detailed map of the North Hollywood area.

In November 1992, a second EPA consultant (CH₂M Hill) published a very different plume map², which is attached as Exhibit 5 and replotted as Exhibit 6. In this map, the western plume has entirely disappeared. The eastern plume has moved west, spread out, and changed shape. Where in October 1991 there had been fingerlike projections extending west from the Burbank airport, in November 1992 there was a much larger, rounder area, as though someone had covered the fingers with a baseball mitt. It is not clear whether the differences between the October 1991 and November 1992 maps are the result of an actual change in the plume boundaries, as opposed to a change in mapping techniques. A note on Exhibit 5 mentions that the plume contours "represent generalized two-dimensional approximations", which may mean that the contours were rounded and smoothed. Whatever the reason, the November 1992 map places E/M on the very edge of the plume boundary.

In January 1993, Montgomery Engineers published another plume map³, which is too large to reproduce in full but is shown replotted in Exhibit 7. In this map, the plume has changed shape again, and the E/M property is once again outside the plume.

¹ James M. Montgomery Engineers (October 1991), Technical Memorandum For The Phase I North Hollywood Cluster Wells, Figure 4-2.

² CH₂M Hill (December 21, 1992), Report For First and Second Quarter Sampling, 1992, San Fernando Valley Groundwater Monitoring Program, Figure 3-9.

³ James M. Montgomery Engineers (January 1993), Basinwide Remedial Investigation Report, Plate N-3.

David B. Jones
5 April 1993
Page 3

Several conclusions can be drawn from these figures. C that EPA's consultants are uncertain about the shape of the and the location of its boundaries.

More importantly, these figures show that the E/M property cannot be a source of the PCE in the plume. The property was clearly outside the plume in 1991. Consequently, it could not have been a source area at that time. It cannot be a source now, after the soils have been investigated, the property concreted over, and the use of PCE discontinued, especially EPA's most recent map confirms that the property remains outside the plume. Because the E/M property was and is outside the plume, it cannot be a source area, and therefore cannot have caused EPA to incur response costs. This conclusion alone provides sufficient justification to withdraw the demand against E/M.

This conclusion is not contradicted by the November 1992 map, in which the edge of the plume appears to have reached Heavy pumping by extraction and water-production wells to the south and west of E/M has created a cone of depression, which changed the general direction of groundwater flow from south to southwest. As a result, the plume is being pulled toward under the E/M property. Exhibit 8, adapted from the October report, shows the cone of depression west of the Burbank Airport and suggests some of the flow directions. The November 1992 report, therefore, shows at most that the plume has been pulled to the upgradient side of the E/M property. The map confirms that there is no PCE downgradient of the E/M property, and therefore the E/M is not a source area for the groundwater contamination.

3. Only trivial concentrations of PCE were found at E/M.

As noted above, the maximum concentration of PCE found at E/M was 80 ppb. This is far below the concentrations regularly considered by agencies as source soils.

Furthermore, it is trivial compared to the concentrations found at neighboring properties, as shown in Exhibit 9. Unlike neighboring properties, there were no sumps or leaking underground tanks at E/M. The trivial nature of the PCE

⁴In fact, PCE concentrations substantially higher than 80 ppb are often found near the surface in uncontaminated property because PCE vapors from groundwater or some other source migrate under the property, adhere to organic compounds, and become trapped under asphalt or concrete.

David B. Jones
5 April 1993
Page 4

concentrations at E/M is illustrated by the following calculation. First, assume that all response costs (now estimated by EPA at \$16,801,295.43) were attributable to PCE contamination; none to contamination by TCE or any other substance. Next, assume that the costs were shared among the E/M and the four nearby facilities in proportion to their maximum PCE concentrations in soil (80 ppb at E/M; 8,800 ppb at Allied Signal; 16,000 ppb at Fleetwood; 125,090 ppb at Pacific Steel; and 555,000 ppb at Hawker Pacific). If the estimated response costs of \$16,801,295.43 were divided in proportion to these concentrations, the share attributable to E/M would be a mere \$1,906.61 -- an amount appropriate for small-claims court.

4. EPA should include E/M with the other companies outside the plume that are no longer considered responsible parties.

Two companies named as potentially responsible parties in EPA's General Notice Of Liability dated 1 July 1992 are not included in the demand. One of these companies, Raintree Buckles & Jewelry, appears to be well within the western plume identified on the October 1991 map (the mysterious plume that appears to have since disappeared). The maximum PCE concentration measured in soils at Raintree was 1,200 ppb, far higher than the 80 ppb measured at E/M.

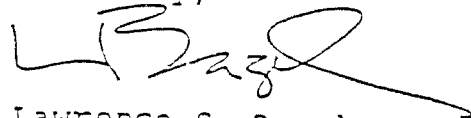
The evidence of E/M's innocence seems as least as substantial as Raintree's. Therefore, E/M should be classified as Raintree has, and the demand to E/M should be withdrawn.

5. Conclusion.

Trivial amounts of PCE were found in soils at the E/M property. However, E/M has been and continues to be outside the plume. Consequently, it has not caused EPA to incur response costs, and should not be considered a responsible party. The demand to E/M should be withdrawn.

Thank you for your attention to this matter, and please call me at (415) 983-7703 if you have any questions or would like additional information.

Sincerely,


Lawrence S. Bazel

BEVERIDGE & DIAMOND

David B. Jones
5 April 1993
Page 5

Enclosures

cc: T. Mintz (by hand)
S. Spearman (by hand)
C. Stubbs (by hand)



RECEIVED

MAR 28 1988

E/M CORPORATION

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

215 Fremont Street
San Francisco, Ca. 94105

2nd Round -
30
66 ADDITION

25 MAR 1988

CERTIFIED MAIL NO. P007796794
RETURN RECEIPT REQUESTED

In Reply
Refer to: T-4-1

4 NPL SIBS
Superfund
Portland
CLUST

Owner/Operator
EM Lubricants
6940 Farmdale Avenue
North Hollywood, CA 91606

Dear Owner/Operator:

The United States Environmental Protection Agency (EPA) and the Los Angeles Department of Water and Power are conducting an investigation of ground-water contamination in the San Fernando Valley to determine the nature, cause and extent of contamination in the ground-water basin. The investigation will also assess the effects of the contamination on the environment and public health.

Part of this investigation will include identifying sources of contamination within the ground-water basin. EPA has reason to believe that your company may be in possession of needed information. Under the provisions of Section 104 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), 42 U.S.C. 9604, and Section 3007 of the Resource Conservation and Recovery Act, as amended by the Solid Waste Disposal Act Amendments of 1980 (RCRA), 42 U.S.C. 6927, the Administrator of the Environmental Protection Agency has the authority to require any person who generates or has generated or otherwise handled hazardous wastes and/or hazardous substances to furnish information regarding its operations. The words "hazardous substances," "hazardous waste," and "person" are defined in 42 U.S.C. Section 9601 (14) of CERCLA, and the questions below. Pursuant to these statutory provisions, you are hereby requested to provide the following information for your facility located at 6940 Farmdale Avenue in North Hollywood, California and any other location in the San Fernando Valley:

1. A description of the purpose and operations of your facility including a detailed description of any hazardous waste storage, treatment, or disposal operations. Include the dates of operation.

2. A detailed description of all hazardous substances and hazardous wastes that were or are used or produced in operation or in production-related processes at your facility(s). Of particular importance is your information regarding past and present chlorinated solvent usage including but not limited to carbon tetrachloride (CTC), trichloroethylene (TCE), and tetrachloroethylene (PCE). For each substance and each waste used or generated, provide the following information.
 - a. The common chemical name, specific chemical name, and chemical composition by volume for liquids and weight for solids;
 - b. The total amount, in gallons for liquids and tons for solids, of annual usage or generation;
 - c. The methods and processes used to generate, store, treat, and dispose of, and otherwise handle each substance;
 - d. When and where the above processes occurred and are occurring. Please specify dates and locations as precisely as possible. Location information should include, but not limited to, information pertaining to tanks, ponds, treatment facilities, and other units which were historically used to treat, store and/or dispose of hazardous substances but which may no longer exist.
3. Any photographs, maps, diagrams regardless of their date, which show areas where hazardous substances or hazardous wastes have been or may be located.
4. A description of past and present disposal practices of hazardous substances and hazardous wastes generated or used at your facility. If off-site disposal of wastes has occurred, please provide a detailed description, including copies of manifests of hazardous substances and hazardous wastes, the names and addresses of transporters that have ever been engaged for the purpose of transporting hazardous substances or hazardous wastes from your facility, and the location to where the waste was hauled.
5. Locations and detailed descriptions of all monitoring wells, supply wells, injection wells, and underground tanks at your facility.
6. Is your facility(s) currently connected to a sewer line? If so, please identify the sewage system, date of connection, and types of wastes discharged. If you are or at some time operated your facility(s) without a sewer line connection, please identify the method of waste water disposal that you use or did use. Specifically, have you or are you using leach field(s), septic tank(s), or any other method of on-site disposal.

7. All analyses from sampling of monitoring and supply wells, underground tanks, soil samples, and soil-gas sampling conducted at your facility. Please include any reports written by consultant(s) about these sample analyses.
8. Are you or your consultants planning to perform any investigations of the soil, water (ground or surface), geology, geohydrology, or air quality on or about the site? If so, please describe the planned investigation(s).
9. A list of all current and former employees, agents, contractors, consultants, company officers, and other personnel who may possess knowledge or information relevant to this inquiry. This list should include each individual's name, address, telephone number, and job title or function.
10. Length of time your company has been at the site location and any information you have regarding former occupants of this location and their hazardous waste practices.
11. Any information regarding use and disposal of chlorinated solvents by any person or business in the San Fernando Valley.
12. A descriptive list of all insurance policies held by your company. The description should include the dates during which each policy was in force, the general type of policy (e.g., comprehensive, general liability, automobile), the insurance company issuing the policy, the policy number, and any specific provision of the policy which may relate to claims for environmental damages.
13. A detailed description of all hazardous substance and hazardous waste spills, leaks, and incidents, as well as any clean-up actions undertaken during the history of your facility's operation.
14. A list of the names and addresses of all solvent suppliers and solvent recyclers from which either products or services were acquired for use by your facility.
15. An audited set of financial statements which includes a Statement of Financial Position/Balance Sheet, Income Statement, and Statement of Changes in Working Capital, and any other supplementary information for your company's most recent fiscal year.
16. Are you owned by another corporate entity as a subsidiary, division, or otherwise?

Please answer each question separately. Documents supplied should be labelled with the number of the question that the documents address.

Your response to this request for information must be sent

to EPA within thirty (30) calendar days of your receipt of this letter and should be directed to:

Alisa Greene and/or Patti Cleary
U.S. Environmental Protection Agency
Region IX (T-4-1)
215 Fremont Street
San Francisco, CA 94105

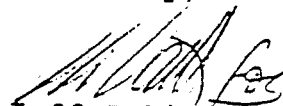
Under Section 3008 of RCRA, U.S.C. 6928, failure to comply with this request may result in an Order requiring compliance or a civil action for appropriate relief, including penalties. Failure to comply with this request under Section 104 of CERCLA may also result in a civil enforcement action against you by EPA. In addition, Section 3008(d) of RCRA imposes criminal penalties against any person who knowingly makes any false statement or misrepresents in responding to a request for information issued under Section 3007 of RCRA.

EPA regulations governing confidentiality of business information are set forth in Part 2, Subpart B of Title 40 of the Code of Federal Regulations. For any portion of the information submitted which you believe is entitled to confidential treatment, a confidentiality claim may be asserted in accordance with 40 C.F.R., Section 2.203(b). If EPA determines that the information so designated meets the criteria set forth in 40 C.F.R., Section 2.203, the information will be disclosed only to the extent, and by means of the procedures specified in 40 C.F.R. Part 2, Subpart B. EPA will construe the failure to furnish a confidentiality claim with response to this letter as a waiver of that claim, and the information may then be made available to the public by EPA without further notice.

Please include in your response to this request a notarized affidavit from a responsible company official stating that a diligent record search has been completed and that there has been a diligent interview of present and former employees who may have knowledge of operations, chemical use, and business practices. Also include in the affidavit a statement that all information responsive to this request has been forwarded to the Agency.

Please give this matter your immediate attention. If you have any questions concerning this letter, please contact Alisa Greene at (415)974-8159 or Patti Cleary at (415)974-8015.

Sincerely,



Jeff Zelikson

Director

Toxics and Waste Management Division

cc: Jon Wactor, ORC-EPA

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
215 FREMONT STREET
SAN FRANCISCO, CALIFORNIA 94105

Claim Check
No.

660478

☐ Hold

Date

1ST Notice

2ND Notice

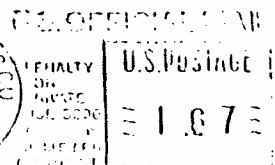
Return

Detached from
PS Form 3849-A,
Oct. 1985

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

EQUAL OPPORTUNITY EMPLOYER

Owner/Operator
EM Lubricants
6940 Farmdale Ave.
North Hollywood, CA 91606



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600To: L.C.H.
G.M.K.
D.N.

RECEIVED

DEC 18 1995

E/M CORP. NCA

December 8, 1995

Mr. Michael D. Scott
Senior Environmental Counsel
Great Lakes Chemical Corporation
One Great Lake Boulevard
West Lafayette, IN 47906WELL INVESTIGATION PROGRAM - SOIL GAS INVESTIGATION
E/M CORPORATION, 6940 FARMDALE AVENUE, NORTH HOLLYWOOD, CALIFORNIA
(File No. 111.0397)

Your October 30, 1995, letter still disputes the validity of our directive to undertake a soil gas investigation at the subject site.

Regional Board's soil gas investigation program is established based on many years of subsurface investigation in both the San Fernando Valley and San Gabriel Valley Superfund areas in California. We have found that soil matrix analytical results generally underestimate volatile organic compounds (VOCs) in loose formations (sand/gravel) probably because of VOC mass loss during sampling, packing, transporting, laboratory analytical procedures, etc. Our records show that in many sites, while soil matrix concentrations are low, soil gas results show high concentrations for the same depths. We have enclosed some data obtained at two separate sites in our region, which support our reasoning.

Moreover, a soil gas survey is a better means of dealing with soil heterogeneity in the subsurface investigation. Soil matrix sampling is point specific because it involves collection of a discrete quantity of soil and a subsample is analyzed to detect any contamination. On the contrary, soil gas survey can provide a larger radius of detection due to gas-phase mobility of VOCs. The soil gas concentration contour lines also lead to potential sources, if any.

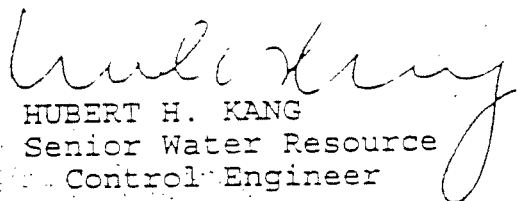
We found some problems with Dr. Mercer's paper on this matter. His approach was based on the assumption that soil matrix data obtained at the subject site reflect total soil concentrations, and from which, all calculations were made. However, if the soil matrix test fails to reflect the actual total soil concentrations (mainly underestimation), then the equilibrium calculation based on this would be misleading, as we have shown for the above two sites. We also note that Dr. Mercer's calculations regarding soil gas transport in the subsurface contain no site-specific soil physical data, such as soil moisture contents and soil organic carbon contents.

Mr. Michael D. Scott
page 2

Further, We do not agree with your contention that soil gas data cannot have "any reliable interpretation". On the contrary, soil gas data that we have obtained in the Superfund Areas enable us to identify potential sources. If soil vapor contaminants come from adjacent sites, the vapor concentration gradient shows such a trend.

Also you quoted the RCRA action level of 10 ppm for PCE at the subject site, but the RCRA criteria are for hazardous waste sites, not for site cleanups.

In summary, we do believe that a soil gas test will provide soil data which will help us to determine whether or not your site needs soil mitigation measures. Therefore, you are directed again to develop a soil gas investigation workplan for the subject site. Three copies of the workplan are due to this Board by January 31, 1996. If you have any questions regarding this letter, please contact Mr. Jay Das at (213) 266-7585.


HUBERT H. KANG
Senior Water Resource
Control Engineer

Enclosure

cc: David Seter, USEPA-Region IX
Tom Klinger, L.A. County-Forester and Fire Warden
Robert Weible, E/M Corporation



P.O. BOX 2400 • 2801 KENT AVENUE • WEST LAFAYETTE, INDIANA 47906
PHONE: 317-497-6100 • TELEX 27-9428 • CABLE: GLAKCHEM LAFAYETTE

GREGORY M. KEOUGH ✓
Vice President-Engineering
Phone: (317) 497-6330

February 14, 1996

Mr. Hubert H. Kang
Senior Water Resource Control Engineer
California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, California 91754-2156

Re: E/M Corporation, 6940 Farmdale Avenue,
North Hollywood; File Number 111.0397

Dear Mr. Kang:

This responds to your December 8, 1995 letter reiterating your request for E/M Corporation to perform soil gas testing at its property at 6940 Farmdale Avenue in North Hollywood, California. We appreciate your willingness to extend the time for our response to February 14, 1996, which was necessary as a result of unanticipated circumstances.

Since receiving your December letter, we have carefully reviewed all of our past correspondence and work at this property. On the basis of this review, we are concerned that we have not adequately communicated to you our position regarding the E/M property or how our overall view of the environmental status of the property relates to our concerns regarding soil gas testing. We hope to convey our position to you more accurately in this letter.

The overall purpose of soil gas testing stated in your December 8 letter and in Mr. Roy Sakaida's September 11, 1995 letter to E/M Corporation is to "provide data which will help [the Board] to determine whether or not [E/M's] site needs soil mitigation measures," and "to determine whether any volatile organic contaminants have infiltrated into soils underlying [E/M's] facility." Your letters state the following reasons why soil gas testing will advance these purposes: (1) soil boring data can underestimate volatile organic compound (VOC) concentrations in loose formations because of VOC mass loss during sampling, packing, transporting, and laboratory analytical procedures; (2) soil gas is a better means of dealing with soil heterogeneity than soil boring data; (3) soil gas data can assist in locating sources of contamination; and (4) vapor transport is

Mr. Hubert H. Kang
February 14, 1996
Page 2

a major mechanism for the transport of VOCs leading to ground water contamination (when not limited by soil moisture and retardation).

In reviewing our past responses to your letters, we realized that we have unfortunately skipped over some of the key points that we should address to respond to the purpose of and reasons for your request. Briefly, we have already confirmed the presence of VOC constituents in the soils underlying E/M's facility, we have adequately defined the extent of these constituents, and we know the probable sources of those VOCs. Thus, it is not necessary to go back to soil gas testing as a way to determine whether any VOCs have infiltrated the soils under the facility. Importantly, the data indicate that these discrete soil areas cannot be the source of any groundwater contaminants in the area.

While we do not dispute the general academic statement that soil boring data can underestimate VOC levels in loose compounds (for the reasons you have stated), even if we assume very exaggerated VOC losses in our soil sampling data, our VOC levels are well under levels of concern. Moreover, the general proposition that some VOCs volatilize during soil boring and sampling procedures is the case at every site, has always been the case, and has been recognized by government agencies in setting clean up standards for soils. We have followed all proper sampling and laboratory procedures and protocols that state and federal agencies require in order to assure the generation of data that enable appropriate review. In sum, we have a property with former discrete surface sources of a formerly used solvent (tetrachloroethane or PCE) that are the likely source of the presence of very low levels of PCE in soils, and these levels have been adequately defined both vertically and horizontally. We firmly believe the VOCs in the soils at this site are insignificant and require no further action, either by investigation or remediation.

We recognize our past correspondence has probably confused this matter unnecessarily by our references to off-site sources of VOCs. We have separately needed to clarify to the U.S. Environmental Protection Agency that the low levels of PCE in the soils near the surface of our facility could not have contributed to the trichloroethylene ground water plume 200 feet below our facility which is part of the San Gabriel Valley federal Superfund site. Since part of our dialogue with U.S. EPA involved soil gas transport questions, we now see upon reflection that we may have confused the issues and have not fully responded to your questions, which center on the question of whether the

Mr. Hubert H. Kang
February 14, 1996
Page 3

soil levels themselves at E/M's facility require additional action. While we are certain the trichloroethylene in the ground water 200 feet below is from an off-site source, we did not mean to suggest the low PCE concentration in the soils near the surface of our facility is from an off-site source.

There has been Sufficient Study of the Property

E/M is a small business and facility that manufactures and applies coating materials. Including the parking lot, the property measures just over an acre. There have been eleven soil borings advanced on this one acre property. We have taken and analyzed 48 soil samples from these borings. PCE is the only material that has been detected in any of the samples (except for one reading of methylene chloride that was a laboratory artifact).

The E/M facility has historically used a small volume of solvents in paints for coatings. Until about five years ago, the facility used PCE. The facility has a fifteen gallon distillation unit and a very small degreaser. There is also a small hazardous waste storage area for paint and solvent waste.

The soil borings were located directly at the potential source areas that had been identified by the Regional Water Quality Board officials during site visits, and extended horizontally out from those areas to the boundaries of the facility. Where levels were identified in soil borings, we conducted further soil sampling at greater depths. Altogether, we have conducted three phases of subsurface soil sampling at this facility. We have horizontally and vertically defined the presence of low concentrations of PCE in shallow soils under the facility, and have not found any other constituents in the soils. In addition, our experts have concluded that the PCE has not, and will not, migrate (via infiltration or soil gas) to groundwater and therefore presents no threat to groundwater in the area.

The Soil Testing Results do not Warrant Further Study

The low PCE levels found in soils were near the surface under the distillation and degreaser unit areas and under the small short term waste storage areas. The highest level was 80 parts per billion at a depth of six feet below the surface under the degreaser and distillation unit area. Further study of this boring shows this level declines rapidly and steadily to very low parts per billion levels with greater depth and reaches the

Mr. Hubert H. Kang
February 14, 1996
Page 4

non-detection level at 60 feet below the surface. The PCE under the hazardous waste storage area was 51 parts per billion at two feet below the surface and declined to non detect levels at 10 feet below the surface. One other boring in the vicinity of the hazardous waste storage area yielded a 7 parts per billion level at two feet below the surface and non detect results for samples at greater depths in that boring. These are extremely low levels which do not appear to warrant additional study or action.

Even if we assume unreasonably high levels of VOC losses during sampling and analysis procedures, these soil concentrations do not warrant further action. Again, we recognize the general academic point that potential volatile losses during soil boring and sampling can result in an underestimation of soil VOC concentrations; these volatile losses will obviously occur in soil boring and sampling at any site. It is also well established that soil gas data are qualitative and are routinely used as screening data to help locate soil borings. For the E/M facility, soil boring data have already been collected from the suspected source areas. Even with volatile losses, the soil boring data are well below soil cleanup criteria and do not represent a threat requiring further investigation or remediation for the following reasons.

In order to identify clean up objectives, we must identify the contaminant(s) of concern. We note that PCE does not degrade aerobically (Hinchey, R.E. et al. Bioremediation of Chlorinated Solvents, 1995, pp. 91, 153, 297). Aerobic conditions are likely to occur in the vadose zone underlying the E/M facility due to contact with soil air containing oxygen. Thus, degradation of PCE is not anticipated, which is supported by the lack of any degradation daughter products in the soil boring data from our facility.

Accordingly, any determination of soil cleanup criteria should focus on PCE. Using the California Regional Water Quality Control Board's (Los Angeles Region) "Interim Guidance for Remediation of VOC Impacted Sites" (January 1995), a soil cleanup criteria for PCE is estimated to be 364.5 parts per billion. This results from the following analysis:

1. $AF_{MAX}(PCE) = 729$ (Table 1, p.5 Appendix)
2. $D > 150$ ft (deep water table)
 $AF_D = AF = AF_{MAX} = 729$ (Eqn. 4, p.6)
3. lithology is fine to medium sand with silt and some gravel -
use sand/silt (SA) - flow is in series (low permeability
controls)
 $AF_{SA} = 1/10 AF_D = 72.9$ (Table 2, p. 8)
4. $C = AF_T * MCL$ (Eq. 12, p.9)
 $= (72.9) (5)$
 $= 364.5$ ppb

According to the comparison with VLEACH simulations, the cleanup level could be three times higher, or 1093.5 parts per billion, (Interim Guidance, p. 17). The highest soil concentration measured at the E/M facility is 80 parts per billion, which is 4.5 to 13.7 times below the potential clean up levels. In other words, even assuming an exaggerated level of volatile losses during sampling and analysis, the low levels of PCE at this site do not warrant clean up. And thus no further study is necessary.

Conclusion

In conclusion, this site simply does not warrant the attention it is getting or the expenses that would be incurred in any additional work. The past use of a small volume of PCE may have resulted in discrete releases that appear to be the likely sources of the low levels of the PCE in the soils near the surface of the facility. There have been sufficient borings to delineate the depth and horizontal extent of the PCE. Even taking the highest levels of PCE appearing in the soil and accounting for VOC losses in the sampling and handling processes, the levels are well under recommended clean up criteria for the facility. In addition, the entire facility has been paved within the last few years, thus limiting infiltration further.

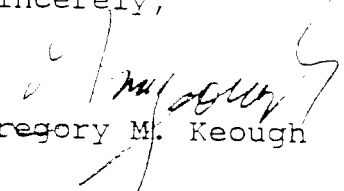
We do not mean to suggest, in general, that releases of solvents are unimportant or that soil gas investigations have no

Mr. Hubert H. Kang
February 14, 1996
Page 6

value. Rather, we believe that this site has been adequately studied and that the studies show it requires no further action. And while we recognize the Board's interest in soil gas studies, at some point in the review of a site, the analysis must return to the levels that are in the soil or ground water as the media requiring the remediation analysis under the statutory and regulatory authorities.

Accordingly, we continue to believe that any further investigation of the E/M property is not warranted. Please call Mike Scott at (317) 497-6191 or Vicki O'Meara at (312) 269-4123 if you wish to discuss this further. Thank you.

Sincerely,


Gregory M. Keough

cc: Michael D. Scott
Dr. James Mercer
Vicki A. O'Meara



Pillsbury Winthrop Shaw Pittman LLP
2300 N Street, NW | Washington, DC 20037-1122 | tel 202.663.8000 | fax 202.663.8007

Aileen (Chuca) Meyer
Counsel
tel 202.663.9227
chuca.meyer@pillsburylaw.com

January 19, 2011

BY FEDERAL EXPRESS

Great Lakes Chemical Corporation
One Great Lakes Boulevard
P.O. Box 2200
West Lafayette, Indiana 47906

Attention: David A. Hall, Senior Vice President

Chemtura Corporation
1818 Market Street, Suite 3700
Philadelphia, PA 19103

Attention: Billie S. Flaherty
Senior Vice President, General Counsel and Corporate Secretary

Re: Asset Purchase Agreement by and between E/M Corporation and MCP
Acquisition Corporation, dated as of November 12, 1996


Dear Mr. Hall and Ms. Flaherty:

This letter is written to provide to Great Lakes Chemical Corporation ("GLCC") a copy of the attached Information Request Letter received from Region 9 of the Environmental Protection Agency. Pursuant to Section 3.1 of the Asset Purchase Agreement, GLCC retained all liabilities for contamination at the North Hollywood site operated by E/M Corporation, a GLCC subsidiary, if such contamination arose at the site or from the operations of E/M prior to closing. My client has provided the attached response letter to Region 9. As you will see, my client did not have much information concerning the operations of E/M and if you have not already been contacted, you may be contacted by EPA representatives seeking additional data.

Great Lakes Chemical Corporation
Chemtura Corporation
January 19, 2011
Page 2

If you have any questions or need further information, please let me know.

Sincerely,



Aileen Meyer

cc: Kim Muratore, Region 9, EPA



Pillsbury Winthrop Shaw Pittman LLP
2300 N Street, NW | Washington, DC 20037-1122 | tel 202.663.8000 | fax 202.663.8007

Aileen (Chuca) Meyer
Counsel
tel 202.663.9227
chuca.meyer@pillsburylaw.com

January 19, 2011

BY FEDERAL EXPRESS

Metal Improvement Company, Inc.
10 Forest Avenue
Paramus, New Jersey 07652

Attention: President

Re: Asset Purchase Agreement by and among Morgan Chemical Products, Inc. as Seller, Metal Improvement Company, Inc. as Buyer, and The Morgan Crucible Company plc (with respect to Article 12 only), dated March 19, 2003

Dear Sir or Madam:

This letter is written to provide to Metal Improvement Company, Inc. a copy of the enclosed Information Request Letter received from Region 9 of the Environmental Protection Agency. Region 9 is seeking information concerning the North Hollywood site that was included in the sale of assets by my client to you. My client has provided the attached response letter to Region 9. As you will see, my client did not have much information concerning the operations at the site after the sale and if you have not already been contacted, you may be contacted by EPA representatives seeking additional data.

If you have any questions or need further information, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Aileen Meyer", with a long horizontal flourish extending to the right.

Aileen Meyer

cc: Kim Muratore, Region 9, EPA
Curtiss-Wright Corporation